

37501/B

Digitized by the Internet Archive
in 2019 with funding from
Wellcome Library

https://archive.org/details/b30529645_0002



THE

COMPLETE STEWARD.



COMMISSION OF JOHN H. VARD

For the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

and for the purpose of the Commission of John H. Vard

86044
THE

COMPLETE STEWARD:

OR,

The Duty of a STEWARD to his LORD.

CONTAINING

Several NEW METHODS for the Improvement of
his LORD'S Estate,

AND

Shewing the indirect Practices of STEWARDS, tending
to lessen any Estate.

Also a NEW SYSTEM of

AGRICULTURE and HUSBANDRY,

WHEREIN ARE LAID DOWN

General Rules and Directions for the Management
and Improvement of FARMS.

WITH

TABLES for the Measurement of Timber, Interest of
Money; and the Value of ancient and modern Coin
compared.

TOGETHER WITH

Several LAW PRECEDENTS relating to the Duty and Office
of a STEWARD.

By JOHN MORDANT.

In TWO VOLUMES.

V O L. II.

L O N D O N :

Printed for W. SANDBY, in Fleet-Street.

MDCCLXI.





THE
COMPLETE STEWARD.



LAND-ENTRY-BOOK.



Y design in drawing up the several following particulars relating to a manor, its being divided and parted into farms, &c. is to shew the necessity as well as utility of a survey, and (*what I for the sake of distinction, in this place, call*) a Land Entry-book. Not only Noblemen and Gentlemen themselves, but their stewards (*whose duty it is*) by tabling the estates committed to their trust in the following manner, prevent dispute and incroachments of the several tenants, whether those on farms, *or those by permission, that erect and take in upon the Lord's waste* : which tables shew upon inspection the old and improved rent of all and every particular field, close, croft, &c. in the whole manor, according to its due *ratio* ; not by that unjust, but

too common method of poundage taken at random, and (*who as it were*) shoot flying at a flock, not caring which or what they kill, which rash method is both unfair and unjust; but by proceeding according to the method here prescribed, every tenant will be served similarly and a-like.

In open field-farms, this rule will hold good also, for whether the fields are parted into yard-lands, &c. as is the most common way (*where there is a stint of common for cattle*) admit this, there are but few yard-lands in a manor alike, some being better than others, and some worse. In order therefore to adjust the rent of every particular farm according to its real intrinsic value (whether on an improved rent or otherwise.)

Let every farm be surveyed separate, and as there is a great disparity in the lying of a farm on better or worse land, yet by this method the rent of every different farm may be fairly adjusted according to the quantity and quality of land it possesses.

N. B. Open field-farms are not so much subject to the disparity of quality as inclosed ones, these lying more promiscuously and interspersed than the other; but then, as I said before, these are a good deal subject to a disparity of quantity according to the number of yard-lands they lie at, and are accounted for; and yet may common alike with those that measure more. But in those open fields where the farms are let by the acre, regard is to be had to the quality of the land only, and more especially so, where there is not a stint of common, &c.

A SURVEY

A

S U R V E Y

A N D

LAND-ENTRY-BOOK,

Of all and singular the Farms, Cottages, and all other the particulars belonging to, and within the inclosed Manor and Parish of A. in the County of B. now in Possession of C. D. Lord of the said Manor, as following.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.			
A. B. For the _____ farm.	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.	
N ^o . { Old rent	£.	s.	d.											
1. { New rent	120	0	0											
	138	14	6											
A messuage, with barns, stables, yard, &c. and croft adjoining				2	3	8				s. d. 21 c	2	17	6	
A. Close in three parcels	30	1	13							13 6	20	9	6	
B. Flats in two parts							20	1	5	18 0	18	5	0	
C. Holme							5	2		17 0	4	13	6	
D. Slade				11	2	11				15 6	8	13	6	
E. Dale				15	2	6				18 6	14	7	6	
F. Ground	21	2	20							13 0	14	1	0	
G. Hill in two parts				25	3					18 0	23	3	6	
H. Close				10	1					17 0	8	14	0	
The shaws in two parcels	15									12 0	9	0	0	
The holt in three parcels	19	3	11							10 6	10	8	0	
J. Shades				5	3	10				14 0	4	1	6	
A. R. P.														
184 1 4	Total	86	3	4	71	2	35	25	3	5	£.	138	14	6

N. B. The quick-mounds and fences are excluded in this survey, and are kept in hand. The tenant is to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
C. D. For the _____ farm.	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
N ^o . { O'd rent 200 0 0													
2. { New rent 212 14 6													
A messuage, with barns, stables, yard, orchard, and close adjoining				4	1	20				s. d. 20 0	4	7	6
E. Ground				50	3	31				15 0	38	4	0
F. Yard	8	1	10							18 0	7	9	6
G. Copes	20	3	15							13 0	13	10	6
F. Hall	16	2	20							12 0	9	19	6
G. Marsh							10	3	6	15 0	8	1	6
H. Meadows							16	1	10	17 0	13	17	0
J. Shoots	18	2	5							20 0	18	10	0
J. Croft							2	1	8	20 0	2	6	0
K. Heath	50		20							10 0	25	1	0
L. Slade				15	2	18				16 0	12	10	0
M. Holds, in two parcels				16	1	13				12 0	9	15	6
N. Closes, in three parcels	21	1	7							13 0	13	16	6
O. Meads, in two parcels							15			18 0	13	10	0
P. Quarter				10	3	17				17 0	9	4	6
Q. Bents				13	2	19				15 0	10	4	0
R. Stile-close				2		18				20 0	2	7	6
A. R. P.													
204 0 37 Total	135	2	37	114		16	44	1	24	£.	212	14	6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
E. F. For the ——— farm.													
N ^o . { Old rent													
3. { New rent													
A messuage, with barns, stables, orchard, and croft adjoining				5	2	10				20 0	5	11	0
G. Fields, in three parcels	19	3	20							14 0	13	18	0
H. Side				20	2	19				17 0	17	10	6
J. Penn				5		15				17 0	4	6	6
J. Flats, in two parcels							18	2	13	20 0	18	11	6
K. Field	21	3	17							10 0	10	18	6
L. Lands				31	1	14				18 0	27	14	0
M. Close	15	1	13							12 0	9	4	0
N. Ham				15	2	8				18 0	14	0	0
O. Reach							16		5	21 0	16	6	6
P. Hill, in two parcels	30									12 0	18	0	0
Q. Pickle				1	1	5				18 0	1	3	0
R. Knob							1			15 0	0	15	0
S. Green	5	1	15							12 0	3	4	0
T. Side	15	1	31							12 0	9	4	0
U. Lays				7	3	30				16 0	6	5	0
A. R. P.													
230 3 14 Total	107	3	16 87	1	21	35	2	18		£.	176	11	6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
G. H. For the _____ farm.													
N ^o . { Old rent													
4. { New rent													
A messuage, with barns, stables, and garth ad- joining				4	2	30				s. d. 20 0	4	13	6
I. Down	30	2	19							9 0	13	15	6
J. Hills, in three parcels	21	3	30							10 6	11	10	0
K. Holm							7	2	11	21 0	7	19	0
L. Way, in two parcels				18	1					17 6	15	19	0
M. Furlong	12		19							15 0	9	2	0
N. Field				20		10				20 0	20	1	0
O. Field				30	3	3				18 0	27	13	6
P. Quarter	18	3	31							9 0	8	10	6
Q. Lots	10									11 0	5	10	0
R. Meadows, in two parcels							16		10	18 0	14	9	0
S. Pond							10		8	20 0	10	11	0
T. Pickle							2			21 0	2	2	0
U. Berry				5	1	21				17 0	10	4	6
A. R. P. 208 3 32													
Total	193	2	19	79		24	36		29	£.	152	0	6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.			
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.	
I. J. For the _____ farm.														
N ^o . { Old rent	£.	s.	d.											
5. { New rent	180	10	0											
	192	14	6											
A messuage, with barns, stables, orchard, and croft adjoining				3	3	20				s. d.				
K. Lands				31	3	11				21 0	4	1	6	
L. Park, in two parcels	49	3	8							18 6	28	10	0	
M. Ponds							12	1	17	12 6	31	2	6	
N. Hooks							15	2	25	21 0	13	0	0	
O. Brand	18	1	31							20 0	15	12	6	
P. Quarter				15	1	11				10 6	9	13	6	
Q. Hollows							7	1	18	20 0	15	6	0	
R. Sets				10	2	17				21 0	7	14	6	
S. Gartheridge							5			17 6	9	6	0	
T. Bridge-clofe				18	3	1				18 0	4	10	0	
U. Walks				12	1	3				20 0	18	15	0	
V. Ground	10									16 0	9	16	0	
W. Field				17						15 0	7	10	0	
A. R. P.										21 0	17	17	0	
228 1 2	Total	78		39	109	2	23	40	1	20	£.	192	14	6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.		£.	s.	d.
K. L. For the _____ farm.													
N ^o . { Old rent	122	0	0										
6. { New rent	128	5	0										
A messuage, with barns, stables, dove-cote, malt- house, yard, orchard, and close adjoining				3	2					s. d. 21 0	3	13	6
Dove-cote										0 0	4	10	0
Malt-house										0 0	4	10	0
M. Flats							15	1	17	20 0	15	6	0
N. Burrows	15	3	20							12 0	9	9	6
O. Hill	20	3	15							10 0	10	9	6
P. Bottom				12		15				18 6	11	3	6
Q. Corner				17						18 6	14	16	0
R. Ridges	21	3								16 0	17	8	0
S. Banks				10	3	17				20 0	10	16	0
T. Field	30	1	11							10 0	15	3	0
U. Yard							3	1	15	18 0	3		0
V. Orchard				7	2	18				21 0	8		0
A. R. P.													
158 2 8 Total	88	3	6	51	10	18	2	32		£.	128	5	0

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

This farm was raised in 1730, as appears by an old rental.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
M. N. For the ——— farm.													
N ^o . { Old rent	£.	s.	d.										
7. { New rent	155	0	0										
	168	6	6										
A messuage, with barns, stables, yard, orchard, and croft adjoining				1	3	2				s. d.			
										20	0	1	15 0
O. Wold	20	1	13							8	0	8	2 6
P. Rounds				15	1	16				16	0	12	8 6
Q. Side	27	3	11							10	6	14	12 0
R. Reach							15	2		18	0	13	19 0
S. Walks				16		10				18	0	15	5 0
T. Banks				11	1	31				18	0	10	7 0
V. Field	31	3	30							8	0	12	15 6
U. Closes, in three parcels				30	1	11				20	0	30	6 0
W. Meadows, in two parcels							20	2	15	21	0	21	12 6
X. Sheads, in two parcels	27	3	8							10	0	13	18 0
Y. Croft				5	2	25				20	0	5	12 6
Z. Close	10		15							15	0	7	13 0
A. R. P.													
234 2 27	Total	117	3	37	80	2	15	36	—	15	£.	168	6 6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.		Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
O. P.		A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
For the _____ farm.														
No. 8.	£. s. d.													
	Old rent	160	0	0										
	New rent	167	13	0										
	Hops	64	19	0										
Total rent		232	12	0										
A messuage, with barns, stables, yard, and garth adjoining					2	1					s. d.			
Q. Closes, in three parcels		50	3	11							9 0	22	17	0
R. Holt					18	1	11				16 0	14	13	0
S. Holt-ground		18	2	20							10 0	9	6	0
T. Meadow								14	2	1	18 0	13	12	6
V. Field					20	2	15				18 0	18	10	6
U. Quarter, in two parcels					27	1	8				20 0	27	5	6
W. Hill		21	1	12							10 6	13	13	6
X. Bottom								7	3	30	17 0	6	7	6
Y. Lawn					30	2	7				16 0	24	8	6
Z. Flats								16	1	16	18 0	14	14	0
A. R. P.														
228 2 11 Total		90	3	3 99		1	38	3	7		£.	167	13	0
18 2 10 A. Hops		18	2	10							s. d.	64	19	0
247 0 21		Grand Total.										£.	232	12 0

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

The Hop-ground is on a lease for 42 years, commencing Lady-day, 1753.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
Q. R. For the _____ farm.													
N ^o . { Old rent													
9. { New rent													
A messuage, with barns, stables, yard, and garth adjoining				3						s. d. 21 0	3	3	0
S. Ridges, in three parcels	40	2	11							10 6	21	6	6
T. Lays				18	3	18				16 0	14	17	0
V. Ground				31	2	20				17 0	26	17	6
U. Ranges	18	3	15							10 6	9	18	0
W. Wath							15	1	12	18 6	14	3	0
X. Hole							2	1	8	20 0	2	6	0
Y. Shoots				17	2	1				16 0	14	0	0
Z. Meadow							10	2	18	17 0	9	0	6
A. Rolt				19	1	11				18 0	17	7	6
B. Sands	15	3	16							9 0	7	2	6
C. Lands				17						18 0	15	6	0
A. R. P.													
210 3 10													
Total	75	1	2	107	1	10	28		38	£.	155	7	6

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
S. T. For the _____ farm.													
N ^o . { Old rent													
10. { New rent													
A messuage, with barns, stables, yard, and close adjoining				1	2					s. d. 17 0	1	5	6
V. Brakes	10		11							9 0	4	12	0
U. Sands	15		10							8 0	6	0	6
W. Brooms	18									8 0	7	4	0
X. Jugs							5	3	16	17 0	4	19	6
Y. Meads, in two parts							11	22	8	8 0	10	8	0
Z. Pasture				21	3	11				18 6	14	1	6
A. Bare				15	1	6				15 0	11	9	0
B. Comb							11	1	15	18 6	8	9	6
C. Close				20	1	16				16 6	17	2	0
D. Hill	11	3	3							10 0	5	17	6
E. Side	16	2	16							12 6	10	0	0
F. Holes				15	1	1				15 6	11	16	6
A. R. P.													
174 1 33	Total	71	2	74	34	28	2	39	£.	113	5	6	

N. B. The quick-mounds and fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythe-free.

Tenant's name and lands.	Arable and pasture alternately.			Pasture.			Meadow.			Yearly value per acre.	Yearly value of the several parcels.		
	A.	R.	P.	A.	R.	P.	A.	R.	P.	At	£.	s.	d.
V. U. For the ——— farm.													
N ^o . { Old rent	£.	s.	d.										
11. { New rent	95	0	0										
	104	19	0										
A messuage, with barns, stables, yard, and close adjoining				2						s. d.			
										17 0	1	14	0
W. Heath	17	3	19							9 0	11	2	0
X. Lands				10	3	17				17 0	9	1	6
Y. Wreaks				15	2	19				18 6	14	9	0
Z. Fields, in four parcels	24	3	30							10 6	13	1	6
A. Cope	15	1	18							8 0	6	3	0
B. Pound							2	1	15	17 6	2	1	0
C. Border							5	3	19	20 0	5	17	6
D. Tree-close				18	1	18				18 6	17	0	0
E. Passage							7	2	8	18 0	6	16	0
F. Garth				5	2	25				18 6	5	4	0
G. Edge				11	1	15				18 6	12	9	6
A. R. P.													
137 3 3				58		27	63	3	14	15	3	2	£.
Total											104	19	0
N ^o . { W. X. for the mills }													
12. { and fite — }											15	15	0
Mill-Holm } Old rent	20	0	0	3	3	14				20 0	3	16	6
H. Close } New rent	25	8	0				5	3	13	20 0	5	10	6
A. R. P.													
9 2 27				3	3	14	5	3	13	£.	25	8	0
Total													

N. B. The quick-mounds and Fences are excluded in this survey, and kept in hand. The tenant to stop gaps, &c.

The whole is tythè-free.

* * I have inserted the particulars of one manor only, as being sufficient: for to have inserted the whole estate, would have been superfluous.

In some inclosed manors there has been (and I hope will be) provision made for the lower sort of the *parishioners*, so as to enable them to keep a cow and a pig, as at Preston-Capes in Northamptonshire, &c. (*this I beg leave to call laudable and praise-worthy*) and is thus: Upon being inclosed, a piece of land was laid out (*there called the Lots*) that will common ———— beasts, and as many sheep; and another piece that will cut hay to winter them, which is laid to the like number of houses, and let at an easy rent; which enables the lower sort of inhabitants to live in a comfortable manner, and very much lessens the poors-rate, as five to one in proportion to what otherwise it would be let at.

N. B. *Such cottagers should be under some restrictions, viz. that they dung their land, and repair their houses, having rough timber allowed them.*

COTTAGE, TENANTS NAMES, RENT, &c.

N ^o . 13.	£. s. d.
A. B. For his house, <i>backside</i> , and cottage	2 — —
C. D. For his house, <i>backside</i> , and cottage	2 — —
E. F. For his house, <i>orchard</i> , and cottage	2 5 —
G. H. For his house, <i>orchard</i> , and cottage	2 7 6
I. J. For his house, <i>backside</i> , and cottage	2 — —
K. L. For his house, yard, and cottage	2 — —
M. N. For his house, yard, and cottage	2 2 6
O. P. (<i>Widow</i>) For her house, yard, and cottage	1 — —
A. R. P.	—————
Land laid out for cottages as above	21 2 10 = £. 15 15 —

N. B. The mounds are kept in hand.

The whole is tythe-free.

As to tenants of houses, they may be entered as above, or in the rental only; unless copy-holders, and such as are permitted to build upon the waste. Of which hereafter.

No.	Tenants names and farms, &c.	Arable and pasture alternately.			Pasture.			Meadow.			Total number of acres.			Old rents.			New rent.			Date of the several leases, as entered.	Number of years leased for.
		A.	R.	P.	A.	R.	P.	A.	R.	P.	A.	R.	P.	£.	s.	d.	£.	s.	d.		
1	A. B. for the — farm	86	3	4	71	2	35	25	3	5	184	1	4	120	—	—	138	14	6	Lady-day, 1752.	21 years.
2	C. D. for the — farm	135	2	37	114	—	16	44	1	24	294	—	37	200	—	—	212	14	6	Lady-day, 1752.	15 years.
3	E. F. for the — farm	107	3	16	87	1	21	35	2	18	230	3	15	168	10	—	176	11	6	May-day, 1753.	18 years.
4	G. H. for the — farm	93	2	19	79	—	24	36	—	29	208	3	32	141	10	—	162	—	6	May-day, 1753.	15 years.
5	I. J. for the — farm	78	—	39	109	2	23	40	1	20	228	1	2	180	10	—	192	14	6	Michaelm. 1753.	18 years.
6	K. L. for the { Dove-cote } farm	88	3	6	51	—	10	18	2	32	158	2	8	122	—	—	128	5	—	Lady-day, 1753.	21 years.
7	M. N. for the — farm	117	3	37	80	2	15	36	—	15	234	2	27	155	—	—	168	6	6	Lady-day, 1754.	21 years.
8	O. P. for the — farm	90	3	3	99	—	1	38	3	7	228	2	11	160	—	—	167	13	—	Lady-day, 1754.	21 years.
{	O. P. for hop-ground —							18	2	10	18	2	10	50	10	—	64	19	—	Lady-day, 1753.	
																Tot.	232	12	—		
9	Q. R. for the — farm	75	1	2	107	1	10	28	—	38	210	3	10	145	—	—	155	7	6	Michaelm. 1755.	21 years.
10	S. T. for the — farm	71	2	—	74	—	34	28	2	39	174	1	33	108	—	—	113	5	6	Lady-day, 1755.	18 years.
11	V. U. for the — farm	58	—	27	63	3	14	15	3	2	137	3	3	95	—	—	104	19	—	Lady-day, 1755.	42 years.
12	W. X. for the mills and site																15	15	—	{ To repair, and half towards mill-stones. }	42 years.
{	W. X. for mill-holm and H. close				3	3	14	5	3	13	9	2	27	20	—	—	9	13	—		
																Tot.	25	8	—	Lady day, 1755.	
	From the before-mentioned eight cotagers				21	2	10				21	2	10	15	15	—	15	15	—	During pleasure.	{ These repair their several houses. Timber allowed. }
	Total amounts of this Manor	1004	2	30	963	1	27	373	—	12	2340	—	29	1681	15	—	1826	13	6	N. B. { New rents } Old rents	1826 13 6
																				Total Improvement	144 13 6

Here follows a check upon the rental, which being referred to as occasion requires, immediately sets all mistakes right.

When the *Lord* pays the land-tax (*by his steward*) there is no necessity for inserting those columns, but only to insert the tax in a proper place and balance.

N. B. Draw two of these checks as following: One for *Lady-day*, and the other for *Michaelmas*, &c. which will serve for several years. If a tenant leaves his farm, it is but erasing his name, &c. and inserting his successors.

These two following schemes are to be drawn in the land-entry-book, as they are here inserted.

I have laid the land-tax at three shillings *per* pound, and that, at about two thirds of the real value of the land, being 2 s. 0 d. $\frac{3}{4} \frac{5}{10}$ *per* pound, which upon an average, is what most part of the *Kingdom* is laid at. But,

Note, that, in the counties of ——— and ——— it lies much lower.

It is to be observed and remembered, that in a manor where there are woods, such woods are to be measured and entered in the land-entry-book, in the manor they belong to; and it should be observed that they be kept in hand, and bring the profits to account in the article of wood, whether under-wood or timber, or both; as will be shewn in steward's accounts.

Enter thus

———— Wood containing ——— acres; laid into
———— lots; so that ——— acres may be cut every year.

The

N ^o .	Tenants names.	Year's rent.		Half year's rent.		Half year's land-tax.		Net-money.		Common arrears in hand.		Old arrears.		When such were due from, and when ought to have been paid.
		£.	s.	£.	s.	£.	s.	£.	s.	£.	s.	£.	s.	
1	A. B. for the farm	138	14	6	3	6	10	62	17	3	17	3	—	Paid short, Michaelmas, 1753.
2	C. D. for the farm	212	14	6	7	10	10	95	16	9	16	9	—	
3	E. F. for the farm	176	11	6	88	9	—	79	5	3	5	3	—	
4	G. H. for the farm	162	—	6	81	7	10	73	9	9	9	9	—	
5	I. J. for the farm	192	14	6	96	10	—	86	7	3	17	3	—	Paid short, Lady-day, 1752.
6	K. L. for the farm	128	5	—	64	8	10	55	12	6	12	6	—	
7	M. N. for the farm	168	6	6	84	9	—	75	3	3	3	3	—	
8	O. P. for the farm	232	12	—	116	11	17	104	8	6	104	8	—	
9	Q. R. for the farm	155	7	6	77	7	10	70	3	9	3	9	—	Paid short, Michaelmas, 1755.
10	S. T. for the farm	113	5	6	56	7	—	49	12	9	12	9	—	
11	V. U. for the farm	104	19	—	52	6	10	45	19	6	19	6	—	
12	W. X. for the — mills, &c.	25	8	—	12	—	9	12	5	—	5	—	—	
The settlement of this half year—		1810	18	6	905	3	8	811	1	3	811	1	3	
The rent of the 8 cottagers —		15	15	—	—	—	—	—	—	—	—	—	—	
To pay a whole year's rent at Mich. being then due —		1826	13	6	—	—	—	—	—	—	—	—	—	

N. B. Although I have laid the whole manor at three shillings *per* pound, and that at $\frac{2}{3}$ of the real value (as I said before) yet I had no such regard in parting it amongst the tenants, for what a tenant does not pay in tax, he pays in rent, and *per contra*; but where the Lord owns only part of the land, and the tax is laid by the pound-rent (which is the most just way) or by the yard-land, &c. in this case the tax is to be proportioned to each tenant exactly (if he pays it) or if not, to the value of the whole estate, compared with others, &c. *by the rule of proportion.*

The Michaelmas payment due Lady-day, 1757, which make one whole year's rent. Paid according to the customary way paying rent.

An half-yearly rental of the manor of A, and rents received by B. C. November 11, 1757, due Lady-day, 1757, which with a half-year's rent, received May the 10th last past, make one whole year's rent, *viz.*

N ^o .	Persons names.	Half year's rent.			Land-tax.			Net-money,			Old arrears.			
		£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.	
1	A. B. ———	69	7	3	6	10	—	62	17	3	—	—	—	Due Mich. 1757 was 80 <i>l.</i> Received 30 <i>l.</i>
2	C. D. ———	106	7	3	0	10	6	95	16	9	50	—	—	
3	E. F. ———	88	5	9	9	—	6	79	5	9	—	—	—	
4	G. H. ———	81	—	3	7	10	6	73	9	9	—	—	—	
5	I. J. ———	96	7	3	10	—	—	86	7	3	—	—	—	Received. Due Lady-day, 1758 37 <i>l.</i> 10 <i>s.</i>
6	K. L. ———	64	2	6	8	10	—	55	12	6	—	—	—	
7	M. N. ———	84	3	3	9	—	—	75	3	3	—	—	—	
8	O. P. ———	116	6	—	11	7	6	104	8	6	—	—	—	
9	Q. R. ———	77	13	9	7	10	—	70	3	9	—	—	—	Received. Due Michaelm, 1758 10 <i>l.</i> 10 <i>s.</i>
10	S. T. ———	56	12	9	7	—	—	49	12	9	—	—	—	
11	V. U. ———	52	9	6	6	10	—	45	19	6	—	—	—	
12	W. X. ———	12	14	—	—	9	—	12	5	—	—	—	—	
	Cottage-tenants one whole year's rent.													
	A. B. ———	2	—	—	—	—	—	2	—	—	—	—	—	
	C. D. ———	2	—	—	—	—	—	2	—	—	—	—	—	
	E. F. ———	2	5	—	—	—	—	2	5	—	—	—	—	
	G. H. ———	2	7	6	—	—	—	2	7	6	—	—	—	
13	I. J. ———	2	—	—	—	—	—	2	—	—	—	—	—	
	K. L. ———	2	—	—	—	—	—	2	—	—	—	—	—	
	M. N. ———	2	2	6	—	—	—	2	2	6	—	—	—	
	O. P. ———	1	—	—	—	—	—	1	—	—	—	—	—	
		921	4	3	94	8	—	826	16	3	50	—	—	{ Old arrears, Received 7
		905	9	3	94	8	—	811	1	3	—	—	—	
	Total	1826	13	6	188	16	—	1637	17	6	—	—	—	

Small Tenants (not Cottagers) for Houses, &c. within
the Manor of A.

N ^o .		£.	s.	d.
	Brought over	1826	13	—
14	A. B. for a house and close	2	2	6
15	C. D. for a house and orchard, &c.	1	15	—
16	E. F. for a house and croft	2	—	—
17	G. H. for a house, &c.	1	5	—
18	I. J. for a house and bleach-yard, &c.	4	—	—
19	K. L. for a house and hemp-plat, &c.	2	12	6
20	M. N. for a house, &c.	1	—	—
21	O. P. for a house, &c.	1	10	—
22	Q. R. for a house and orchard, &c.	1	10	—
23	S. T. for a house, &c.	1	—	—
24	V. U. for a house, &c.	—	15	—
25	W. X. for an acknowledgment of a house, &c. on the waste	—	1	—
26	Y. Z. for the like acknowledgment	—	1	—
27	A. C. for the same	—	1	—
28	B. E. for the same	—	1	—
	Yearly amount total	1846	7	—
	Arrears in part received	72	—	—
	Total receipts for land and arrears	1918	7	—

The Manor of A. Rents received November 11, 1757, due Lady-day, 1757, viz.

N ^o .	Tenants names.	Year's rent.		Half year's rent.		Half year's land-tax.		Net-money.		Common arrears in hand.		Old arrears.		When such were due from, and when ought to have been paid.
		£.	s. d.	£.	s. d.	£.	s. d.	£.	s. d.	£.	s. d.	£.	s. d.	
1	A. B. for the — farm	138	14	6	3	6	10	63	5	63	5	—	—	Due Mich. 1753, was 80 <i>l</i> . Received 30 <i>l</i> .
2	C. D. for the — farm	212	14	6	3	10	10	95	16	95	16	—	—	
3	E. F. for the — farm	176	11	6	9	9	—	79	5	79	5	50	—	
4	G. H. for the — farm	162	—	6	3	7	10	73	9	73	9	—	—	Received. Due Lady-day, 1752, 31 <i>l</i> . 10 <i>s</i> .
5	I. J. for the — farm	192	14	6	3	10	—	86	7	86	17	—	—	
6	K. L. for the — farm	128	5	—	7	8	10	55	12	55	12	—	—	
7	M. N. for the — farm	168	6	6	3	9	—	75	2	75	2	—	—	Received. Due Michaelm. 1755, 10 <i>l</i> . 10 <i>s</i> . Old arrears. Received 72 <i>l</i> . Due Michaelmas, 1757.
8	O. P. for the — farm	232	12	—	3	11	17	104	8	104	8	—	—	
9	Q. R. for the — farm	155	7	6	9	7	10	70	3	70	3	—	—	
10	S. T. for the — farm	113	5	6	9	7	—	49	12	49	12	—	—	
11	V. U. for the — farm	104	19	—	6	6	10	45	19	45	19	—	—	
12	W. X. for the — mills, &c.	25	8	—	—	—	9	12	5	12	5	—	—	
13	From the eight cottagers —	15	15	—	—	—	—	15	15	—	—	—	—	
	Total	1826	13	6	3	94	8	826	16	3	811	1	3	

An half-yearly Rental to collect and receive by.

It is customary in most manors for the tenants to pay their yearly rent by two equal payments, whether they be Lady-day and Michaelmas, or May-day and Martinmas. In either, or both of which cases, the following schemes may be proper to proceed by, dating it according to the days of payment.

A half-yearly Rental of the Manor of A. and Rents received by B. C. May 10, 1757, due Michaelmas, 1756, *viz.*

N ^o .	Persons names.	Half year's rent.			Half year's land-tax.			Net-money.			Old arrears.			When due from, when such ought to have been paid.
		£.	s.	d.	£.	s.	d.	£.	s.	d.	£.	s.	d.	
1	A. B. ———	69	7	3	6	10	—	63	5	9	—	—	—	Paid short, Mich. 1753.
2	C. D. ———	106	7	3	10	10	6	95	16	9	80	—	—	
3	E. F. ———	88	5	9	9	—	6	79	5	9	—	—	—	
4	G. H. ———	81	—	3	7	10	6	73	9	9	—	—	—	
5	I. J. ———	96	7	3	10	—	—	86	7	3	—	—	—	Paid short, Lady-day, 1752.
6	K. L. ———	64	2	6	8	10	—	55	12	6	31	10	—	
7	M. N. ———	84	3	3	9	—	—	75	3	3	—	—	—	
8	O. P. ———	116	6	—	11	7	6	104	8	6	—	—	—	
9	Q. R. ———	77	13	9	7	10	—	70	3	9	—	—	—	Paid short, Mich. 1755.
10	S. T. ———	56	12	9	7	—	—	49	12	9	10	10	—	
11	V. U. ———	52	9	6	6	10	—	45	19	6	—	—	—	
12	W. X. ———	12	14	—	—	9	—	12	5	—	—	—	—	
Total		905	9	3	94	8	—	811	1	3	122	—	—	

Here compare cash and rental.

A (*Compleat yearly*) Rental of the before-mentioned Manor
of A. from Lady-day, 1756, to Lady-day, 1757.

N ^o .		Yearly rents.		
		£.	s.	d.
1	A. B. for the — farm	138	14	6
2	C. D. for the — farm	212	14	6
3	E. F. for the — farm	176	11	6
4	G. H. for the — farm	162	—	6
5	I. J. for the — farm	192	14	6
6	K. L. for the — farm. Dove court, malt-house, &c.	128	5	—
7	M. N. for the — farm	168	6	6
8	O. P. for the — farm and hop ground	232	12	—
9	Q. R. for the — farm	155	7	6
10	S. T. for the — farm	113	5	6
11	V. U. for the — farm	104	19	—
12	W. X. for the — mills, holm, &c.	25	8	—
13	A. B. for his — house and cottage	2	—	—
	C. D. for his — house and cottage	2	—	—
	E. F. for his — house and cottage	2	5	—
	G. H. for his — house and cottage	2	7	6
	I. J. for his — house and cottage	2	—	—
	K. L. for his — house and cottage	2	—	—
	M. N. for his — house and cottage	2	2	6
	O. P. for her (<i>Widow</i>) house and cottage	1	—	—
14	A. B. for his house and close, &c.	2	2	6
15	C. D. for his house and orchard, &c.	1	15	—
16	E. F. for his house and croft, &c.	2	—	—
17	G. H. for his house	1	5	—
18	I. J. for his house and bleach-yard, &c.	4	—	—
19	K. L. for his house and hemp-plat, &c.	2	12	6
20	M. N. for his house, &c.	1	—	—
21	O. P. for his house, &c.	1	10	—
22	Q. R. for his house, &c.	1	10	—
23	S. T. for his house, &c.	1	—	—
24	V. U. for his house, &c.	—	15	—
25	W. X. for his house, &c. an annual acknowledg- ment for building on the waste	—	1	—
26	Y. Z. for his house, &c. for building on ditto	—	1	—
27	A. C. for his house, &c. for building on ditto	—	1	—
28	B. E. for his house, &c. for building on ditto	—	1	—
Total amount of this manor		1846	8	—
N. B. The Lord is supposed to own all the houses and land within his Lordship.				

A Rental of the Manor of B. in the County of B. now in Possession of C. D. &c. from Lady-day, 1756, to Lady-day, 1757.

N ^o .	Open field (free and copy-hold)———	Yearly rents.		
		£.	s.	d.
1	A. B. for the <i>manor</i> , farm, and <i>demesnes</i>	210	10	—
2	C. D. for the ——— farm ———	150	10	—
3	E. F. for the ——— farm ———	100	—	—
4	G. H. for the ——— farm ———	110	—	—
5	I. J. for the ——— farm ———	52	—	—
6	K. L. for the ——— farm ———	75	10	—
7	M. N. for ——— lands ———	20	15	—
8	O. P. for his house and homestall, and } ——— lands ———	15	10	—
9	Q. R. for ——— closes ———	41	—	—
10	S. T. for ——— lakes ———	16	10	—
11	V. U. for a house and close ———	3	10	—
12	W. X. for a house, &c. ———	1	10	—
13	Y. Z. for a house and <i>cottage</i> } open field	1	10	—
14	A. C. for a house and <i>cottage</i> } cottages	1	10	—
15	B. D. for a house, orchard, &c. ———	2	10	—
16	E. G. for a house, &c. ———	—	15	—
17	F. H. for a house, &c. ———	—	15	—
18	I. K. for a house, &c. ———	—	7	6
19	J. L. for a house, &c. ———	—	10	—
20	K. M. for a house, &c. ———	—	5	—
Received of the several <i>copy-holders</i> ——— } their quit-rents, as appears in the copy of court-roll of this manor }		27	12	4½
Total amount of this manor		832	19	10½
The whole is tythable.				

A Rental of the Manor of C. in the County of E. now in Possession of C. D. &c. from Lady-day, 1756, to Lady-day, 1757.

N ^o .	Open field (free and copy-hold)———	Yearly rents.		
		£.	s.	d.
1	A. B. for the hall, farm, and demefnes	200	—	—
2	C. D. for ——— piece	7	10	—
3	E. F. for the ——— farm	100	—	—
4	G. H. for the ——— farm	90	10	—
5	I. J. for the ——— farm	121	—	—
6	K. L. for the ——— farm	92	10	—
7	M. N. for the ——— farm	71	—	—
8	O. P. for the ——— farm	40	—	—
9	Q. R. for the ——— farm	52	10	—
10		£.	s.	d.
11	S. T. for the ——— farm	70	10	0
12	S. T. for the ——— tythes	180	0	0
13	V. U. for the ——— lands	7	10	—
14	W. X. for a house and cottage	1	15	—
15	Y. Z. for a house and cottage	1	15	—
16	A. C. for a house and croft	1	10	—
17	B. D. for a house and hop-yard	25	10	—
18	E. G. for a house and <i>bemp-plat</i>	8	—	—
19	F. H. for a house and ——— head-land	2	10	6
20	I. K. for a house and orchard	1	15	—
21	J. L. for a house, &c.	—	10	—
	M. O. for a house, &c.	—	5	—
	Received of the several <i>copy-holders</i> ——— their quit-rents, as appears in the copy of court-roll of this manor	19	7	$\frac{1}{2}$
	Total amount of this manor	1095	7	$6\frac{1}{2}$

A Rental of the Manor of D. in the County of B. now in the Possession of C. D. &c. from Lady-Day, 1756, to Lady-Day, 1757.

No.	A partial inclosure, free and lease-hold, on lives.	Yearly rents.		
		£.	s.	d.
1	A. B. for the — farm and — closes —	112	10	—
2	C. D. for the — farm and — fields —	185	—	—
3	E. F. for — closes — —	50	—	—
4	G. H. for — farm and — crofts —	63	10	—
5	I. J. for — farm and — closes —	90	—	—
6	K. L. for — farm and — fields —	100	—	—
7	M. N. for — farm and — orchards —	85	10	—
8	O. P. for — farm and <i>hop grounds</i> —	150	—	—
9	Q. R. for — farm, closes and <i>hop grounds</i> —	140	10	—
10	S. T. for a house and — lands —	8	10	—
11	V. U. for a house and croft — —	1	15	—
12	W. X. for an acknowledgment for building on the waste	—	1	—
13	Y. Z. for the like acknowledgment —	—	1	—
14	A. C. for a house and close in —	1	10	—
15	B. D. for a farm in —	40	—	—
Received of the several lease-holders their chief rents, } as appears by the copy of the court-roll of this manor }		17	7	7½
Total account of this manor		1046	4	7½

An *Abstract* of the Rentals from *these four* Manors.

		£.	s.	d.
1	The manor of A.	1846	8	0
2	The manor of B.	832	19	10½
3	The manor of C.	1095	7	6½
4	The manor of D.	1046	4	7½
The total amount of the certain rents from these four manors }		4821	0	0½

Casual Profits of Courts by Fines, Hariots, and Surrenders, &c. from the several Copy-holders within the Manors of B. and C. and the Lease-holders within the Manor of D. aforesaid. (At a Court Baron held March 30, 1756.)

The Manor of B.

	£.	s.	d.
Received of A. B. a composition for two hariots, instead of his two best beasts or goods, due at the death of his father C. B. — — — — }	22	1	—
Received of the aforesaid A. B. a fine for his being admitted tenant to his father's estate Mr. C. B. — }	80	—	—
Received of C. D. a composition for three hariots, instead of his three best beasts or goods, due at the death of his father E. D. — — — — }	15	15	—
Received of the aforesaid C. D. a fine for his being admitted tenant to his father E. B.'s estate — }	40	—	—
Total	157	16	—

The Manor of C.

Received of E. F. a fine on account of a surrender made to him of an estate of Y. Z. — — }	70	—	—
Received of E. F. aforesaid, a fine for his being admitted tenant to the aforesaid Y. Z.'s estate — }	42	—	—
Received of A. B. tenant to the hall farm (and <i>headborough</i>) for an estray ox sold to him, he being at all charges of keeping a year and day, and of crying, &c. — }	5	5	—
Received of G. H. a fine on account of a surrender of an estate made to him by V. W. — — }	50	—	—
Received of the aforesaid G. H. a fine for his being admitted tenant to the aforesaid V. W.'s estate — }	25	—	—
Received of J. J. a composition for a hariot, instead of his best good, due at the death of his father K. J. (a little cot) — — — — }	—	5	—
Received of the aforesaid J. J. a fine for his being admitted tenant to his father's house — }	—	5	—
Total	192	15	—

The Manor of D. with some casual Profits from the Freehold Manor of A.

	£.	s.	d.
Received of A. Z. a composition for a hariot, instead of his best beast, &c. due at the death of his father B. Z. — — —	15	15	—
Received of the aforefaid A. Z. a fine for his being admitted tenant to his father Mr. B. Z.'s estate — — —	31	10	—
Received of the above-mentioned A. Z. a fine on account of a surrender made to him of an estate of O. Y. — — —	50	—	—
Received also of the above-mentioned A. Z. a fine for his being admitted tenant to the aforefaid O. Y.'s estate — — —	31	10	—
Received of Y. Z. jun. an acknowledgment for his being admitted tenant to the house his late father Y. Z. built upon the waste	—	10	—
Received of W. X. in the manor of A. an acknowledgment for his being admitted tenant to the house his late uncle W. X. built upon the waste, the late W. X. deceased, leaving no issue	2	2	—
Total	131	7	—

The casual Profits of *these four* Manors by Courts.

	£.	s.	d.
B. —	157	16	—
C. —	192	15	—
A. D.	131	7	—
Total	481	18	—

An Account of other casual Profits received by Tenants entering into new Covenants for plowing up certain grounds over-run with Moss, &c.

	£.	s.	d.
Received of C. D. tenant to the ——— farm, in the manor of A. for liberty of plowing up a parcel of pasture-ground in his farm called the <i>L. Slade</i> , containing 15 acres, 2 roods, and 18 perches, for three years only, for sowing <i>oats the first year</i> , and <i>barley the second and third years</i> , at the rate of 3 <i>l.</i> 0 <i>s.</i> 0 <i>d.</i> per acre over and above his standing rent	46	17	—
Received of M. N. tenant to the ——— farm, in the same manor, for the like liberty of plowing up three parcels of pasture-grounds called <i>U. Closes</i> , containing 30 acres, 1 rood, and 11 perches, for three years only, for sowing <i>oats the first year</i> , and <i>barley the second and third years</i> , at the rate of 3 <i>l.</i> 0 <i>s.</i> 0 <i>d.</i> per acre over and above his standing rent	9	1	—
Received of S. T. tenant to the ——— farm, in the aforesaid manor, for the like liberty of plowing up a pasture-ground called <i>C. Close</i> , containing 20 acres, 1 rood, and 16 perches, for three years only, for sowing <i>oats the first year</i> , <i>barley or wheat, &c.</i> the next two years, at the rate of 3 <i>l.</i> 0 <i>s.</i> 0 <i>d.</i> per acre over and above his standing rent	6	1	—
Total of casual profits by breaking up fresh pasture	196	17	—

N. B. When land is let to plow for raising of woad, weld, madder, &c. it is to a person who makes it his business or employ to raise such commodities, and is absolutely taken from the former tenant for the number of years it is so used, and then it is common for the former tenant to take it to plow for two or three years more for the raising of *barley*, &c. at an advanced rent agreed on, entered, and to be accounted for as above directed (or separately, till the land is laid down again, as the steward likes best) but for the term it is occupied by the woad-man, &c. It is to be struck out of the former tenant's name, and entered in the Land-Entry-Book in the name of the present possessor, whether it be woad, weld, &c. Which is so easy, plain, and obvious, that it would be impertinent to insert it.

An Account of the Sale of Underwood in the Wood called ——— Wood, in the Manor of D. in the County of B. containing 12 Acres (*cut this Year*) the Underwood being of ——— Years growth. The Sale Day, November 30, 1757.

N ^o .	N ^o . of roods.	Persons names, and place of abode, sold to.	£.	s.	d.
1	1	Sold to A. B. of ———, at ———	2	2	—
2 and 3	2	Sold to B. E. of ———, at ———	4	—	—
4, 5, 6	3	Sold to C. F. of ———, at ———	6	15	—
7	1	Sold to H. G. of ———, at ———	1	15	—
8, 9, 10	3	Sold to I. K. of ———, at ———	6	—	—
11, 12	2	Sold to J. S. of ———, at ———	1	15	—
13, 14	2	Sold to J. L. of ———, at ———	1	15	—
15, 16	2	Sold to M. O. of ———, at ———	2	2	—
17, 18, 19	3	Sold to N. P. of ———, at ———	3	15	—
20, 21, 22	3	Sold to R. Q. of ———, at ———	3	10	—
23	1	Sold to S. T. of ———, at ———	1	10	—
24, 25	2	Sold to V. X. of ———, at ———	3	10	—
26, 27	2	Sold to T. U. of ———, at ———	3	15	—
28, 29	2	Sold to S. U. of ———, at ———	3	5	—
30	1	Sold to T. Y. of ———, at ———	1	5	—
31, 32	2	Sold to E. G. of ———, at ———	2	10	—
33, 34	2	Sold to R. R. of ———, at ———	2	—	—
35	1	Sold to J. M. of ———, at ———	1	—	—
36, 37	2	Sold to T. S. of ———, at ———	2	10	—
38	1	Sold to P. Q. of ———, at ———	1	5	—
39, 40	2	Sold to E. B. of ———, at ———	2	10	—
41, 42	2	Sold to S. M. of ———, at ———	2	15	—
43, 44	2	Reserved to mound ——— <i>Close kept in hand,</i> valued at 2 <i>l.</i> 10 <i>s.</i> 0 <i>d.</i> }			
45, 46	2	Sold to E. F. of ———, at ———	2	15	—
47, 48	2	Sold to J. B. of ———, at ———	2	10	—
48	48	Total of the sale of underwood, is	66	19	—

N. B. In the north, it is customary to fell underwood by the statute acre. In some other places by the rood. In others, by the dozen, *viz.* a dozen poles or perches, &c. As in others, especially near the Forges, it is generally sold by the cord. The feller to fell and cord. In Northamptonshire, to sell by the cut, which is 20 square perches, or half a rood.

An Account of the Bodies of all and every the Timber Trees fold out of the aforefaid ——— Wood, containing in the whole 148 Trees. The Sale Day, December 1, 1757.

N ^o of trees.	Persons names, and place of abode, fold to.	N ^o of fold feet.	Value per foot.		Value of the feveral parcels.		
			s.	d.	£.	s.	d.
3	Sold to A. E. of ———	65	1	2	3	15	10
10	Sold to E. S. of ———	289	1	4	19	5	4
5	Sold to S. B. of ———	180	1	3	11	5	—
8	Sold to D. C. of ———	291	1	3	18	3	9
6	Sold to P. Q. of ———	210	1	4	14	—	—
11	Sold to O. E. of ———	320	1	—	16	—	—
4	Sold to E. F. of ———	175	1	2	15	4	2
12	Sold to R. S. of ———	299	1	4	19	18	8
9	Sold to B. P. of ———	207	1	5	14	13	3
7	Sold to S. D. of ———	210	1	3	13	2	6
15	Sold to J. H. of ———	451	1	2	26	6	2
9	Sold to T. N. of ———	511	1	4	34	1	4
5	Sold to S. J. of ———	460	1	—	23	—	—
8	old to S. T. of ———	472	1	4	31	4	9
7	Sold to N. T. of ———	289	1	2	16	17	2
5	Sold to J. R. of ———	190	1	6	14	5	—
7	Sold to N. B. of ———	215	1	5	15	4	7
3	Sold to J. E. of ———	70	1	3	4	7	6
4	Sold to E. M. of ———	97	1	2	5	13	2
4	Sold to J. S. of ———	114	1	4	7	12	—
6	Sold to W. S. of ———	228	1	3	14	5	—
148	Total of feet and value	5343	—	—	338	5	2

N. B. The roots of these trees are laid at the charge of felling them.

M. M. When the woods consist of spires, they are sold by tale, or so much each. And the scheme drawn as that for heads, or tops, next following.

An

An Account of the Heads (or Tops) of the foregoing Timber-trees, sold to the several Persons following (*if thought proper*) here set for the Quality of the foregoing Timber, and Reasons for the Heads selling for more or less; according to the Value of the Timber; for commonly the Heads (or Tops) sell for about a third Part of the Value of the Bodies, especially coarse Timber, in Hedge-rows. The Sale-day, December 2, 1757.

N ^o . of heads.	Persons names and place of abode, fold to.	Value of each.		Total value of each parcel.				
		s.	d.	£.	s.	d.		
10	Sold to E. S. of _____ at	5	6	2	15	—		
7	Sold to R. E. of _____ at	6	—	2	2	—		
12	Sold to S. B. of _____ at	7	—	4	4	—		
8	Sold to M. O. of _____ at	6	6	2	12	—		
14	Sold to T. M. of _____ at	4	6	3	3	—		
10	Sold to J. I. of _____ at	8	—	4	—	—		
6	Sold to E. R. of _____ at	7	6	2	5	—		
9	Sold to J. E. of _____ at	6	6	2	18	6		
5	Sold to N. C. of _____ at	4	6	1	2	6		
15	Sold to W. T. of _____ at	5	6	4	2	6		
12	Sold to B. R. of _____ at	6	—	3	12	—		
8	Sold to T. Y. of _____ at	4	—	4	16	—		
5	Sold to R. R. of _____ at	7	6	1	18	6		
6	Sold to W. B. of _____ at	8	—	2	8	—		
3	Sold to T. E. of _____ at	6	6	—	19	6		
6	Sold to A. G. of _____ at	5	6	1	13	—		
2	Sold to H. H. of _____ at	6	6	—	13	—		
5	Sold to M. M. of _____ at	4	6	1	2	6		
5	Sold to N. O. of _____ at	7	6	1	17	6		
148		Total		48	4	6		

N. B. The bark of the heads is excepted, as is likewise the bark of the bodies.

The timber is tall and strait; therefore the heads are not valuable as in hedge-timber.

An

An Account of the Sale of Bark produced from the afore-
said Timber-trees and Heads. The Sale-day, April 24,
1758.

N ^o . of yards.	Persons names and place of abode, fold to.	Value <i>per</i> yard.		Value of the feveral yards.		
		<i>s.</i>	<i>d.</i>	£.	<i>s.</i>	<i>d.</i>
222	Sold to E. R. of _____ at	1	1	12	—	6
610	Sold to E. B. of _____ at	1	2	35	11	8
1000	Sold to R. R. of _____ at	1	2	58	6	8
200	Sold to N. B. of _____ at	1	1	10	16	8
2032		Total.		116	15	2
	N. B. The stripping is included in the price.					

An Abstract of the Sale of Under-wood, Timber, Heads,
and Bark, in _____ Wood.

	£.	s.	d.
Sold the under-wood to feveral persons as before, at	66	19	—
Sold the timber to the feveral persons as before, at	338	5	2
Sold the heads to the feveral persons as before, at	48	4	6
Sold the bark to the feveral persons as before, at	116	15	2
Total amount for under-wood, timber, heads, and bark _____	570	3	10

Before

Before I proceed to give an account of disbursements, in order to balance the year's account, it may be proper to argue upon the steward's trust.

On some large estates and families (and more so when they lie remote from each other, there are several stewards, one to the estates and manors in one part of the country, and another to others in a different part, &c. and a principal or chief agent over the whole, to which the others are in subordination, as he is to their *Lord*, and these may be considered as three distinct sorts. In treating of which, I shall for sake of order, begin with the lowest first, which I take to be the house-steward (*manciple, caterer, purveyor, &c.*) The next I take to be an agent, that manages and receives the rents and profits of a particular estate, when the courts (*if any*) are held by an attorney-at-law. Where there are copy-holders, &c. (a proper person.) *But then I must stop him here with a period or full point. Vide Laurence's Duty of a Steward to his Lord, page 5.*

The third is he to whom the before-mentioned deliver up and pass their accounts; and before whom they (too commonly) stand or fall, for in effect, he is their *Lord*. From their accounts, he either draws up an abstract, or passes them separately: and he likewise occasionally looks over and inspects every estate and agent of his *Lord's*: and perhaps is absolutely steward to that estate belonging to his *Lord's* chief seat.

From the before-mentioned three there will arise a fourth, who is steward, and *Domo-fac-totum*, or *Major-domo*, which is not uncommon, even where there is a large estate, which lies not at too great a distance from the family: in which he may be occasionally assisted by one to take account of what is brought in for * *house-keeping, for the stables, &c.*

* In some families, particulars are taken by the house-keeper, gentleman of the horse, &c.

I shall therefore draw up the following accounts for the use of the fourth and last of the before-mentioned stewards, and him that lives in the house, where the family most commonly resides, and afterwards give some generals from the whole, for stewards of all denominations to act by, in order to balance their accounts. For the receipts of all will be of one kind, though not the disbursements, or payments. As to the steward's book-keeping, I shall deliver it in an easy and as plain a manner as I can ; which may be practised with safety, by those of narrow capacities ; those of greater may use the method taken by merchants, &c. by double entry, according to the Italian way of book-keeping ; but by proceeding according to the method here prescribed, will not only be as clear, but easier, and as exact, whatever the more polite may think of the contrary.

N. B. *Stewards in business would think it a tedious task to go under a course of book-keeping.*

From

From Lady-day to Midsummer ditto. Disbursements for House-keeping, Labourers, and other occasional Incidents.

N ^o .		£.	s.	d.
1	Paid ——— for bread and flour ———	13	10	0
2	Paid ——— for malt, 10 quarters, at 28s.	14	00	0
	Paid ——— for oats, 10 quarters, at 10s.	5	00	0
	Paid ——— for cheese $\frac{1}{2}$ C. at 18s. —	00	9	0
3	Paid ——— for 4 dozen of soft soap, at 5s.	1	00	0
	Paid ——— for 6 Yorkshire hams, weight } 50 lb. at 10d. ——— }	2	1	8
4	Paid ——— the butcher's bill ———	19	10	0
	Paid ——— for an end of hops, Cwt. at	3	13	6
5	Paid ——— saddler ———	3	7	6
6	Paid ——— grocer for candles, &c.	25	5	6
	Paid ——— for 5 quarters of old beans, } at 24s. ——— }	6	00	0
7	Paid ——— the house-keeper her bill, for incidents ———	21	00	3
	Paid ——— the rat-catcher ———	1	1	0
	Paid ——— labourers wages ———	9	15	0
	As by their bills and receipts will appear.	—	—	—
		125	13	5

From Midsummer 1757, to Michaelmas ditto. Disbursements for Housekeeping and other occasional Incidents.

No.		£.	s.	d.
8	Paid — for bread and flour —	11	—	—
	Paid — for a Cheshire cheese, 51lb. at 3d. $\frac{3}{4}$	—	15	15 $\frac{1}{4}$
	Paid — for oats eight quarters, at 10s. —	4	—	—
9	Paid — grocer for candles, &c. —	12	4	—
10	Paid — for a hunting saddle for YOUR —	1	15	—
11	Paid — for ditto for MY —	2	15	—
12	Paid — for a new set of harness for six cart horses	6	6	—
13	Paid — ironmonger for traces, &c. —	1	5	—
14	Paid — coach-maker for — chariot —	42	—	—
15	Paid — for a set of harness for six horses —	21	—	—
16	Paid — brazier for a washing copper, wt. 52lb. at 16d.	3	9	3
	Paid — for a garden engine —	3	—	—
	Paid — for a garden roll six feet, at 2s. 6d.	—	15	—
17	Paid — cooper for six iron-bound hogheads, at 22s.	6	12	—
18	Paid YOUR — by cash, bills, &c. —	1000	—	—
19	Paid — butcher's bill —	18	10	—
	Paid — for a cask of vinegar 16 gallons, at 16d.	1	1	4
	Paid — for 20 tun of coals, at 10s. —	10	—	—
20	Paid — for carriage of ditto —	10	—	—
	Paid — housekeeper her bill for incidents —	18	10	—
	Paid myself my year's wages —	100	—	—
	Paid — housekeeper her year's wages —	12	—	—
	Paid — the keeper his year's wages —	10	—	—
	Paid — the butler ditto —	10	—	—
	Paid — the head footman his year's wages —	7	—	—
	Paid — the under footman ditto —	5	—	—
	Paid — the huntsman ditto —	8	—	—
	Paid — the dog-boy ditto —	4	—	—
	Paid — the principal gardener ditto —	15	—	—
	Paid — the under gardener ditto —	6	—	—
	Paid — the head groom ditto —	8	—	—
	Paid — the under groom ditto —	6	—	—
	Paid — the coachman ditto —	10	—	—
	Paid — the postilion ditto —	3	—	—
	Paid — the game-keeper ditto —	8	—	—
	Paid — labourers wages —	11	—	—
As by their bills and receipts will appear		1401	18	6 $\frac{1}{4}$

From

From Michaelmas 1757, to St. Thomas. Disbursements for Housekeeping, Labourers, and other occasional Incidents.

N ^o .		£.	s.	d.
21	Paid — for 30 quarters of sea coal, at 7s.	10	10	00
	Paid — for carriage of ditto, at 2s.	3	00	00
	Paid — for 6 fat hogs, 70 score, at 4s. 6d.	15	15	00
22	Paid — pewterer for a dozen of large dishes, 95lb. at 14d.	5	10	10
23	Paid — glazier his bill —	8	00	00
24	Paid — plumber his bill —	10	00	00
25	Paid — carpenter his bill for work done to the mansion-house and demesne —	30	10	00
26	Paid — mason his bill for work done at ditto —	15	00	00
27	Paid — for stones —	10	00	00
	Paid — for carriage of ditto —	5	00	00
28	Paid — London carrier —	5	10	00
29	Paid — blacksmith —	15	10	00
30	Paid — tyler and plaisterer for work done at the mansion-house and demesne —	7	00	00
31	Paid — bricklayer for work done at ditto	3	5	00
32	Paid — for bricks, tyles, and lime —	21	00	00
	Paid — for hair —	00	10	6
33	Paid — draper his bill —	70	00	00
34	Remitted — YOUR — banker by bills	500	00	00
	Paid — the cook his year's wages	20	00	00
	Paid — the cook her year's wages	5	00	00
	Paid — the house-maid ditto —	5	00	00
	Paid — the under house-maid ditto	4	00	00
	Paid — the dairy-maid ditto —	4	00	00
	The other maid servants paid by —			
	Carried over	774	1	4

Brought

N ^o .		Brought over	£.	s.	d.
			774	1	4
	Paid 6 men servants and 3 maid servants }				
	8 weeks board wages, at 6s. each }		21	12	00
35	Paid ——— butcher his bill ———		8	00	00
36	Paid ——— grocer his bill for candles, &c.		5	15	00
37	Paid ——— for bread and flour ———		5	00	00
38	Paid ——— ironmonger ———		19	10	00
39	Paid ——— huntsman for incidents, dog- }				
	horses, &c. ——— }		4	15	00
40	Paid ——— the groom his incidents on his }				
	coming from London }		3	15	00
	Paid ——— for oats 3 quarters, at 10s.		1	10	00
	Paid ——— for old beans 2 quarters, at 24s.		2	8	00
41	Paid ——— for oatmeal for the hounds, &c.		25	10	00
	Paid ——— for barley 3 quarters, at 13s. 4d. }				
	to grind for the hounds }		2	00	00
42	Paid ——— for malt 20 quarters, at 21s. 4d.		21	6	4
43	Paid ——— shoemaker for boots and shoes		11	8	00
44	Paid ——— breeches maker ———		11	11	00
45	Paid ——— taylor for making liveries and }				
	frocks ——— }		6	1	00
46	Paid ——— hatter for livery hats ———		7	4	00
	Paid ——— for an end of hops, C. wt. at		3	3	00
47	Paid ——— for 3 caps ———		1	6	00
48	Paid ——— housekeeper for incidents, &c.		3	5	6
49	Paid ——— for 12 dozen of hard soap, at }				
	5s. 6d. ——— }		3	6	00
50	Paid ——— for 6 dozen of soft soap, at 5s. 6d.		1	13	00
51	Paid ——— for salt 6 C. at 9s. 6d.		2	17	00
	Paid ——— for 3 loads of wheat straw, at }				
	9s. 6d. ——— }		1	8	6
52	Paid ——— butler his incidents ———		7	00	00
		Total	955	5	8

From

From St. Thomas 1757, to Lady-day 1758. Disbursements for Housekeeping and other occasional Incidents.

N ^o		£.	s.	d.
53	Paid — for charcoal 16 sacks, at 22d. —	1	9	6
54	Paid — for bell-glasses —	3	2	6
	Paid — for glass-frames, for hot-beds, &c. —	4	15	6
55	Paid — nursery-man for several sorts of fruit-trees he sent from London —	15	—	—
56	Paid — feedman for garden seeds from London	6	—	—
57	Paid — joiner for work by him done at the mansion- house — —	12	5	0
58	Paid — painter for work by him done at ditto —	7	10	—
59	Paid — tinman for 3 watering-pots, &c. —	1	7	—
60	Paid — whitesmith — —	1	15	—
61	Paid — clockmaker for repairing the turret clock	—	15	6
	Paid — Six men servants and three maid servants 13 weeks board wages, at 6s. each	35	2	—
62	Paid — cooper his bill — —	3	10	—
63	Paid — for malt 20 quarters, at 20s. —	20	—	—
	Paid — for a C. wt. of cheese, at —	1	3	6
	Paid — for 6 Westphalia hams, wt. 44lb. at 12d.	2	4	—
	Paid — for a pipe of old mountain wine, at —	37	—	—
	Paid — for a pipe of red port, at —	36	—	—
	Paid — for 10 gallons of sherry, at 6s. —	3	—	—
64	Paid — for $\frac{1}{2}$ hogsh. of white port, at 18l. per hogsh.	—	—	—
	Paid ditto for $\frac{1}{2}$ hogsh. of white Lisbon, at ditto	—	—	—
	Paid ditto for 10 gallons of Madeira, at 12s.	31	10	—
	Paid ditto for 10 gallons of Canary, at 10s.	—	—	—
	Paid ditto for 5 gallons of tent, at 10s.	—	—	—
65	Paid — butler his incidents — —	8	16	6
66	Paid — for 2 anchors of fine French brandy	9	—	—
	Paid — for 10 gallons of fine Arrack, at 9s. 6d.	4	15	—
	Paid — for 20 gallons of fine Jamaica rum, at 9s. 6d.	9	10	—
67	Paid — for 5 gallons of fine citron water, at 12s.	3	—	—
	Paid — labourers — —	16	10	—
	Paid — for 500 bunches of laths, at 13d. —	27	1	8
68	Paid — for 10,000 of Efford slate, at 17s. 6d.	8	15	—
69	Paid — for a hoghead of fine Herefordshire cyder, at	2	15	—
	Paid — mole-catcher — —	—	5	—
Total		313	17	6

Disbursements for the Year 1757.

	£.	s.	d.
From Lady-day to Midsummer — —	125	13	2
From Midsummer to Michaelmas — —	140	18	6
From Michaelmas to St. Thomas — —	95	5	8
From St. Thomas to Lady-day — —	313	17	6
Total disbursements as per bill and vouchers	279	14	10

An

An Account of Disbursements for the Land-tax.

No.		£.	s.	d.
70	Paid — collector for two quarterly payments of the land-tax, from Lady-day to Michaelmas, 1757, for the manor of A, as appears by his receipt	94	8	00
71	Paid — collector for two quarterly payments of the land-tax, from Lady-day to Michaelmas, 1757, for the manor of B, as appears by his receipt	45	10	6
72	Paid — collector for two quarterly payments of the land-tax, from Lady-day to Michaelmas, 1757, for the manor of C, as appears by his receipt	50	19	8
73	Paid — collector for two quarterly payments of the land-tax, from Lady-day to Michaelmas, 1757, for the manor of D, as appears by his receipt	58	17	6½
	Paid for the first half year's land-tax	249	15	8½
74	Paid — collector for two quarterly payments of the land-tax, from Michaelmas, 1757, to Lady-day, 1758, for the manor of A, as appears by his receipt	94	8	00
75	Paid — collector for two quarterly payments of the land-tax, from Michaelmas, 1757, to Lady-day, 1758, for the manor of B, as appears by his receipt	45	10	6

Paid

No.		£.	s.	d.
76	Paid — collector for two quarterly payments of the land-tax, from Michaelmas, 1757, to Lady-day, 1758, for the manor of C. as appears by his receipt	50	19	8
77	Paid — collector for two quarterly payments of the land-tax, from Michaelmas, 1757, to Lady-day, 1758, for the manor of D. as appears by his receipt	58	17	6 $\frac{1}{2}$
	Paid for the last half year's land-tax	249	15	8 $\frac{1}{2}$
	The first half year's land-tax	249	15	8 $\frac{1}{2}$
	Total of the year's land-tax	499	11	5

An Account of Disbursements for the Church, Poor, Constables, and Highways, Assessments for the Demesne Lands, &c. in the Manor of A.

No.		£.	s.	d.
78	Paid — church-warden for the year's assessment, from Lady-day, 1757, to Lady-day, 1758, for the demesne lands, &c. in the manor of A.	2	10	0
79	Paid — for the year's assessment for the poor, from Lady-day, 1757, to Lady-day, 1758, for ditto lands	4	10	0
80	Paid — for the year's assessment for the constable, from Lady-day, 1757, to Lady-day, 1758, for ditto lands	0	15	6
81	Paid — for the year's assessment for the highways, from Lady-day, 1757, to Lady-day, 1758	0	10	6
		8	6	0

The Close of the beforegoing Account, stated by way of
Debtor and *Creditor*, in order to shew the exact Balance.

From Lady-Day, 1756, - - - -

B. C. Steward, to ——— *Debtor*. - - - -

	£.	s.	d.
Received the whole certain rents from the four several manors of A. B. C. D. as ap- pears by the several rentals, and by their several quick-rents, as appears by copies of court roll of the said manors	48	16	3 6½
Received the casual profits of courts of the several manors by fines, harriots, and sur- renders.	48	1	18 0
Received the <i>three</i> years casual profits by the tenants ploughing up fresh pasture-land, as appears by that account, page	19	8	17 0
Received old arrears, as appears by the rental	72	0	0 0
Received for the sale of the under-wood, timber-trees, heads, and bark, in — wood, in the manor of — as appears by that account	57	0	3 10
Total receipts	61	39	2 4½
Total disbursements	33	04	12 3
Returned and paid to — your — banker, by several bills, as will appear by his ac- compt, to balance this year's accompt, from Lady-day, 1757, to Lady-day, 1758	28	34	10 1½

This is a true account. (errors excepted) witness my
hand, B. C.

April 10, 1758, I do hereby allow of all and every of
the before-mentioned accounts, and do hereby acquit and
discharge him the said B. C. his executors and administra-
tors, of and from all and every matter and thing by him
done concerning the same.

Or thus, Witness my hand ———.

April 10, 1758, allowed by me ———.

- - - - to Lady-Day, 1757.

- - - - *Per Contra* ————— *Creditor.*

	£.	s.	d.
Paid first quarters disbursements ———	125	13	2
Paid second quarters disbursements ———	1401	18	6
Paid third quarters disbursements ———	955	5	8
Paid fourth quarters disbursements ———	313	17	6
Paid the four quarterly payments of the land- tax for the manors of A. B. C. and D. } as appears by that account	499	11	5
Paid the four quarterly assessments for the church, poor, constable, and highways, } for the house and demesnes, in the manor of A. as appears by that account	8	6	0
	—	—	—
Total disbursements	3304	12	3
To balance this account	2834	10	1½
	—	—	—
	6139	2	4½
	—	—	—

The Prices of the different Works of *Bricklayers, Masons, Carpenters, Joiners, Plumbers, Slaters, Plaisterers, Glaziers, Carvers, Smiths, &c.*

BRICKLAYERS WORK.	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
Digging foundations, per yard cube (or solid yard)	—	—	5	—	—	4 ¹ / ₂
Digging and carrying away, per yard cube	—	1	6	—	1	2
Red stock bricks, per thousand	1	10	—	1	7	—
Grey stock bricks, per thousand	1	—	—	1	—	—
Place bricks (or common) per thousand	—	15	—	—	—	—
Plain tiles, per thousand	1	1	—	1	1	—
Pantiles, per thousand	3	3	—	3	3	—
Brick-work done with place bricks, per rod, or 272 feet,	5	5	—	5	—	—
at 1 ¹ / ₂ brick thick						
Brick-work done with the fronts faced with grey	5	10	—	5	5	—
stock bricks, per rod						
Bricklayers work, per day	—	2	8	—	1	10
Bricklayers work, per rod, when all materials are	—	—	—	—	—	—
found, and laid by them						
Plain tiling, per square, or 100 superficial feet	1	10	—	1	6	—
Old plain tiling rip'd, per square	—	14	—	—	13	—
Plain tiling laid, per square (to find all but tiles, 12s.)	—	4	—	—	3	6
Tilers work, per day	—	2	8	—	1	10
Pantiling, not pointed, per square	—	18	—	—	16	—
Pantiling, pointed, per square	1	—	—	—	18	—
Place brick paving, laid flat and dry, per yard super-	—	1	2	—	1	1
ficial (9 square feet)						
Place brick laid in mortar, per yard	—	1	4	—	1	2
Twelve inch tile paving, per yard	—	3	6	—	3	4
Ten inch tile paving, per yard	—	3	4	—	3	2
Red and grey arches gaged and set in putty, per foot	—	1	4	—	1	2
superficial						
Rubbed returns, per foot superficial	—	—	3	—	—	2 ¹ / ₂
Groins cut to arches, per foot, running measure	—	4	—	—	4	—
Lime, per quarter (in most places) about	—	4	4	—	4	2

M A S O N S.

Portland stone, measured, when wrought, per foot cube	—	2	—	—	2	2
Bath stone, measured, when wrought, per foot cube	—	1	6	—	—	—
Portland stone, strait moulded work, per foot superficial	—	1	2	—	1	4
Portland stone, strait plain work, per foot superficial	—	1	—	—	—	—
Portland stone, circular plain, per foot superficial	—	1	2	—	1	4
Portland stone, circular moulded, per foot superficial	—	1	4	—	1	6
Bath stone, strait plain work, per foot square	—	—	5	—	—	—
Bath stone, strait moulded work, per foot square	—	—	7	—	—	—
Bath stone, circular plain, per foot superficial	—	—	7	—	—	—
Bath stone, circular moulded, per foot superficial	—	—	9	—	—	—

N. B. A rod of brick-work of the standard thickness will require 4500 bricks.

	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
Free stone (common in the country, where raised) } per foot solid						
Free stone, strait plain work, per foot superficial						
Free stone, strait moulded work, per foot superficial						
Free stone, circular plain, per foot superficial						
Free stone, circular moulded, per foot superficial						
Free stone, plain walling, per yard superficial, at 16, } 18, or 20 inches thick						
Free stone, rubbed, plain walling, per yard super- } ficial, at the above thickness						
Ashlar, or common hard stone, plain walling, per } yard superficial, at the above thicknesses						
Ashlar, or common hard stone, wrought with mallet } and chissel, per yard, and laid an inch in lime } mortar, per yard, at the above thicknesses						
Common stone walling for barns, stables, mounds, &c. } about farms, per yard						9
Masons work, per day					1	6
White and vein'd marble slab, in chimney pieces, } per foot superficial		5			5	
Statue marble slab, in chimney pieces, per foot super- } ficial		6	6		6	6
Black and yellow marble slab, in chimney pieces, } per foot superficial		7	6		7	6
Purple common marble slab, in chimney pieces, per } foot superficial		6			6	
Extraordinary ditto, per foot superficial		8			8	
Ryegate fire stone hearth and covings, per foot super- } ficial		1				
Portland paving, 1½ inch thick, per foot superficial } (and proportionably)		1	4		1	6
Portland stone chimney pieces, 1½ inch thick, per foot } superficial		1	6		1	10
Portland paving, with black marble dots, per foot } superficial		1	8		1	11
Purbeck paving, in random courses, per foot			7			
Purbeck, in strait courses, per foot			8			
Old Purbeck paving ript up, squared and laid, per foot			2			
Ashlar, and other common stone, well wrought and } laid down, per foot, carriage excluded						
Floors laid with common coarse slabs, per foot, car- } riage excluded						1
Free stone coping for mound-walls, per foot, running } measure (about)					1	3
Stone rolls, per foot, from 2s. 4d. to (as the size)					2	9

CARPENTERS and JOYNEERS.

	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
Fir framed in naked floors, roofing, ceiling floors, } quarter'd partitions, &c. per foot cube, or solid }	—	2	—	—	2	—
Fir in lintels and bond timber, &c. per foot solid —	—	1	8	—	1	8
Fir plain'd and framed in door-cases and windows, &c. } per foot cube ————— }	—	2	6	—	2	6
Oak framed in naked floors, &c. per foot cube, or solid —	—	3	3	—	3	3
Oak in plates (or proper framing) but unwrought, per } foot solid ————— }	—	2	8	—	2	6
Oak in door-cases and windows, &c. plain'd and } framed, per foot solid ————— }	—	3	10	—	3	6
Whole deal bridg'd guttering, per foot superficial —	—	—	6	—	—	—
Centring vaults, per square —————	1	—	—	—	17	—
Groin'd centring, per foot square —————	—	1	—	—	—	10
Centring to apertures, per foot square (superficial) —	—	—	4	—	—	3½
Bracketting to common plaistered cornishes, per foot } square (superficial) ————— }	—	—	4	—	—	3½
Bracketting to modillions, per foot superficial —	—	—	5	—	—	4¼
Folded joint boarding, per square (about) —	1	8	—	1	7	—
Folded joint boarding, per yard square (about) —	—	2	7	—	2	6
Straight joint boarding, per square (and by the yard, in } proportion) ————— }	2	—	—	1	17	—
Second best boarding dowl'd, per square —	3	10	—	3	5	—
Clean deal boarding dowl'd, per square (best) oak } about the same ————— }	5	—	—	4	12	6
Rough whole deal boarding, per square —	1	5	—	1	5	—
Common whole deal steps and risers, stringers and } bearers, per foot running ————— }	—	1	—	—	1	—
Better sort, ditto, per foot running —	—	1	3	—	1	2½
Common joisting and boarding to half paces, per foot } superficial ————— }	—	—	8	—	—	7½
Common joisting and boarding of a better sort than } the last, per foot superficial ————— }	—	—	9	—	—	8½
Common fir rail and ballister, square pannel, per foot } running measure ————— }	—	2	—	—	2	—
Ditto, turn'd newel and cap, per foot running —	—	2	6	—	2	5
Whole deal doors ledg'd on one side, per foot superficial —	—	—	6	—	—	5½
Ditto, plough'd tongu'd, ledg'd, per foot superficial —	—	—	7	—	—	6¼
Whole deal gates, lin'd with whole deal, per foot } superficial ————— }	—	—	7	—	—	7
Inch and half deal doors, four pannels square on both } sides, per foot ————— }	—	—	10	—	—	10
Two inch deal doors, four pannels square on both } sides, per foot superficial ————— }	—	—	9	—	—	9
Two inch deal, six pannel square doors, &c. per foot } superficial ————— }	—	—	10	—	—	10
Slit deal linings, and plain'd, per foot superficial —	—	—	2½	—	—	2½
Whole deal linings, and plain'd, per foot superficial —	—	—	4	—	—	4

Whole

	London, and near it.			Midland. country.		
	£.	s.	d.	£.	s.	d.
Whole deal dressers, feet and bearers, per foot square			8			7 $\frac{1}{2}$
Two inch deal dressers, with turn'd columns and bearers, per foot superficial		1				11 $\frac{1}{2}$
Two and a half inch ditto, per foot superficial		1	2		1	1 $\frac{1}{2}$
Square deal wainscot per yard		2	6		2	6
Quarter round deal wainscot, flat pannel, per yard		3			3	
Quarter round deal wainscot, the pannels raised square, per yard		3	6		3	6
Quarter round deal wainscot, the pannels raised with a bead, per yard		3	10		3	10
Deal strait mouldings, per foot superficial		1				11
Deal modillion cornishes, per foot superficial		1	6		1	5
Deal dorick entablatures, with proper ornaments, per foot		2			1	11
One and a half inch right wainscot fashes, all compleat, per foot square			11			10
The same with deal cas'd frames, wainscot pulley pieces and foils, per foot		1	2		1	1
The same with right wainscot frames, per foot square		1	4		1	3
Two inch right wainscot fashes, all compleat, per foot square		1	2		1	1
The same with deal cas'd frames, right wainscot pulley pieces and oak foils, per foot		1	8		1	6
The same with right wainscot frames, per foot superficial		2			1	10
Building a house four stories high, and roof with oak, and find all other materials, and put the key in the door, per square, about	40					
Ditto, with fir, about	30					
In the country a common house may be built, per square, at about				25		
The carpenter's work to frame a house in the country where the owner find timber and sawing, per square, about					8	
Where the owner pays for sawing, per square, about					4	6
For building the sides and ends of barn work when one single stud reaches to the roof, per square					2	
If a double stud and girts, per square					2	6
Park, or other railing, with three bars, per perch, work only					2	6
with two bars					2	
Paling, three bars, five feet high (<i>sawed</i>)					9	
Ditto, three bars (<i>rent</i>) gates included, iron work and nails					7	
Roofing for thatching, per square, from 2s. 6d. to					4	6
Sawing and framing tiled roofing (<i>level work</i>)		10			8	
Small harrows making, each					1	6
Ditto, large ones, each					2	
The carpenter finding stuff					4	6

	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
The large ones (and finding stuff) _____	—	—	—	—	7	6
A common plough, from 7s. 6d. to _____	—	—	—	—	10	—
Wheel plough, such as are used on flinty and stony lands, from 1l. 7s. 6d. to _____	—	—	—	1	15	—
Park paling, 8 feet high, with posts and three rails, running measure, per perch, about _____	—	—	—	—	7	—

P L U M B E R S.

Lead in sheets for flats, gutters, &c. per Cwt. _____	—	17	—	—	16	6
Lead in sheets with work, and nails, and wall hooks included, per Cwt. _____	—	18	—	—	17	6
Lead cisterns cast with ornament, folder and all in- cluded, per Cwt. _____	1	1	—	1	—	—
Lead cast and laid, per Cwt. _____	—	3	—	—	3	—
Lead pipes laid, folder and all included, per Cwt. _____	—	19	—	—	18	—
Lead in pumps, valves and all included, per Cwt. _____	1	—	—	—	1	$\frac{1}{2}$

S L A T E R S and T I L E R S.

Slating with Can quarry slates, per square _____	1	10	—	1	10	—
The same on O. G. roofs, per square _____	2	—	—	2	—	—
The new rip'd and laid, per square _____	1	—	—	—	18	—

Efford small blue slate, at Plymouth harbour, } per 1000 _____	5	6	s.	d.
Efford large blue, at ditto, per 1000 _____	9	8		
Can Pelmell, per 1000 _____	7	0		
Small slate, whether blue or grey, from some other quarries, per 1000. _____	4	0		
Large ditto, from some other quarries, per 100 _____	8	0		
Hewing of Pelmell plain slate, per 1000, about _____	1	4		
Large Gagingwell slates, per 1000 (Oxfordshire)				
Small ditto, per 1000 _____				
Large Asfthorp slates, per 1000. (Northamptonshire)				
Small ditto, per 1000. _____				
Tiles, <i>vide</i> bricklayers work.				

Slaters work, per day, about _____	—	3	—	—	2	—
------------------------------------	---	---	---	---	---	---

P A I N T E R S.

Inside and outside paintings, three times in oil, per yard _____	—	—	6	—	—	6
Ditto, four times in oil, per yard _____	—	—	8	—	—	8
Painting second colour'd and finish'd, per yard _____	—	—	5	—	—	5
Clear coal'd and finish'd, per yard _____	—	—	4	—	—	4

Sash

	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
Sash frames, three times in oil, each		1			1	
Sash squares, ditto			1			1
Window lights, ditto, each			3			3
Casements, each			3			3
Something may be added or abated according to the quality of the colour.						

P L A I S T È R E R S.

Lathing and plaistering, per yard, with heart of oak lath, plain laying and setting		1				11
Lathing and plaistering, per yard, plain laying and setting			8			7
Lathing and plaistering floated, per yard		1				11
Lathing and plaistering to coves, per yard		1	2		1	1
Lathing and plaistering to coves groin'd, per yard		1	6		1	4
Rendring, per yard			4			3
Rendring floated, per yard			6			5 $\frac{1}{4}$
Rough rendring, per yard			2 $\frac{1}{2}$			2 $\frac{1}{4}$
Floated stucco on brick, per yard		1	6		1	5
Floated stucco on lath, per yard		1	10		1	9
Grey plaister'd floors, per square		10			10	
Superfine ditto, per square, from 12s. to		15			15	
Stopping and whiting, per yard			1 $\frac{1}{2}$			1 $\frac{1}{2}$
Whiting, per yard			1			1
To dawb a partition wall with clay or loam on both sides, per yard						3
To rough-cast it without, and render it on the inside, per yard						4
Heart lath of oak, per hundred (or bundle)		1	10		1	6
Ditto, for flating, per ditto		2	5		2	3
Oak sap lath, per hundred (common)		1	8		1	2
Deal lath, ditto		1			1	2
Rendring to groins, per yard			8			7 $\frac{1}{2}$

G L A Z I E R S.

Glass garden-bells, each						
Plate glass, per foot		4	6		4	6
Crown glass in sashes measured neat, per foot		1	6		1	6
Crown glass, the middle bars included, per foot		1	4		1	4
The same in lead, per foot		1	2		1	2
Common green glass in sashes, per foot						
Common green glass in lead, per foot						
Old glass new leaded, per foot			3			3
Old glass repair'd, per foot			1 $\frac{1}{2}$			1 $\frac{1}{2}$
Putting in old squares, each			1			1 $\frac{1}{2}$

C A R V E R S.

	London, and near it.	Midland country.
O volo to deal framing, carv'd with eggs, per foot running	— — 4	— — 4
O. G. to deal framing, carv'd with seven leav'd-grafs, per foot running	— — 4	— — 4
O volo to framing in wainscot, carv'd with eggs, per foot running	— — 6	— — 6
Small O. G. to the raising of pannels, deal carv'd with three leav'd-grafs, per foot running	— — 2	— — 2

S M I T H S.

	London, and near it.	Midland country.
Chimney bars, per pound	— — $3\frac{1}{2}$	— — $3\frac{1}{4}$
Common plain iron railing, per pound	— — $3\frac{3}{4}$	— — $3\frac{1}{2}$
Railing, with pilasters, per pound	— — $4\frac{1}{2}$	— — $4\frac{1}{4}$
Gates, with ornament, per pound	— — $4\frac{1}{2}$	— — $4\frac{1}{2}$
Hinges, with screws and nails, per pound	— — $5\frac{1}{4}$	— — 5
Bolts and screws, per pound	— — $6\frac{1}{4}$	— — 6
Ranges for kitchens, &c. per pound	— — $3\frac{3}{4}$	— — $3\frac{1}{2}$
Ash grates and casements, per pound	— — $7\frac{1}{4}$	— — 7
Horse shoes and setting, each (in the country) from $4\frac{1}{2}d.$ to	— — 8	— — 6
Clasp 20 penny nails, weighing 24 pound per thousand, a thousand	— 8 2	— 8 —
Clasp 10 penny nails, weighing 15 pound per thousand, a thousand	— 5 4	— 5 3
Clasp 6 penny nails, weighing $7\frac{1}{2}$ pound per thousand, a thousand	— 3 3	— 3 2
Rose 20 penny per thousand, weighing 36 pound, a thousand	— 12 3	— 12 —
Rose 12 penny per thousand, weighing 18 pound, a thousand	— 6 2	— 6 —
Rose 10 penny per thousand, weighing 14 pound, a thousand	— 5 2	— 5 —
Rose 8 penny per thousand, weighing 12 pound, a thousand	— 4 8	— 4 6
Rose 6 penny per thousand, weighing 10 pound, a thousand	— 4 —	— 3 10
Rose 5 penny per thousand, weighing 6 pound, a thousand	— 2 10	— 2 8
Rose 4 penny per thousand, weighing 4 pound, a thousand	— 2 —	— 1 11
Lath 3 penny per thousand, weighing 3 pound, a thousand	— 1 8	— 1 7
Lath 2 penny per thousand, weighing 2 pound, a thousand	— 1 4	— 1 3
Large racks per thousand	— 1 —	— 1 1
Clout 8 penny per thousand, weighing 12 pound, a thousand	— 4 9	— 4 8

Clout

	London, and near it.			Midland country.		
	£.	s.	d.	£.	s.	d.
Clout 6 penny net, weighing 7 pound, per thousand	—	3	3	—	3	2
Clout 4 penny net, weighing 4 pound, per thousand	—	2	1	—	2	—
One inch, or 2 penny brads, per thousand	—	1	1	—	1	—
One half inch, or 3 penny brads, per thousand	—	1	6	—	1	5
Two inch, or 4 penny brads, per thousand	—	2	—	—	1	11
Clasp 20 penny nails, per pound, about	—	4	—	—	4	—
Clasp 10 penny nails, per pound, about	—	4	$\frac{1}{4}$	—	4	—
Clasp 6 penny nails, per pound, about	—	5	$\frac{1}{4}$	—	5	—
Rose 20 penny nails, per pound, about	—	4	$\frac{1}{4}$	—	4	—
Rose 12 penny nails, per pound, about	—	4	$\frac{1}{4}$	—	4	—
Rose 10 penny nails, per pound, about	—	4	$\frac{1}{2}$	—	4	$\frac{1}{4}$
Rose 8 penny nails, per pound, about	—	4	$\frac{3}{4}$	—	4	$\frac{1}{2}$
Rose 6 penny nails, per pound, about	—	5	—	—	4	$\frac{3}{4}$
Rose 5 penny nails, per pound, about	—	5	$\frac{1}{2}$	—	5	$\frac{1}{4}$
Rose 4 penny nails, per pound, about	—	6	—	—	5	$\frac{3}{4}$
Lath 2 penny nails, per pound, about	—	8	—	—	7	$\frac{3}{4}$
Clout 8 penny nails, per pound, about	—	4	$\frac{3}{4}$	—	4	$\frac{1}{2}$
Clout 6 penny nails, per pound, about	—	5	$\frac{1}{2}$	—	5	$\frac{1}{4}$
Clout 4 penny nails, per pound, about	—	6	—	—	5	$\frac{3}{4}$
Iron hoops for casks, per pound	—	—	—	—	—	—
Iron work for waggons, carts, wains, as tire, bond, and nails, &c. for weels, per hundred	1	4	6	1	4	6
Coach bond and nails for wheels	1	5	—	1	5	—
P A V I O U R S.						
Paving with Kentish squares, per yard	—	4	6	—	—	—
Paving with pebbles, per yard (all materials included)	—	3	6	—	2	—
Paving with ragg, per yard	—	1	8	—	1	2
Old work ript up and laid, per yard, and all materials found	—	—	8	—	—	5
Paving with Flanders brick, per yard	—	3	6	—	4	—
Pebbles set, per yard (all materials found)	—	—	2	—	—	$1\frac{1}{4}$
Paviours work, per day	—	2	8	—	1	8
Paving-work of flint, or pebbles for stables, or court- yards, &c.	—	—	$3\frac{1}{2}$	—	—	3
The Value of several Sorts of common Works belonging to ordinary Buildings, not before mentioned.						
Hammered double-walling (<i>fit for barns</i>) about 22 inches thick, of an indifferent free-stone, per rod or perch, <i>statute</i>	—	—	—	—	4	—
Coarse flagging, of the like sort of stone, rough hammered, per yard superficial	—	—	—	—	1	4
Door-jaumbs, and window, ditto, hewn work of such stone, per foot superficial (about)	—	—	—	—	—	3
Chimney tops of such sort of stone, per foot superficial	—	—	—	—	—	3
Walls of a brick in length thick, per perch, <i>statute</i>	—	—	—	—	1	5

H 2

Walls

N.B. A hundred of nails is 120, and a thousand is 1200.

	£	s.	d.
Walls of a brick and half thick, per perch, statute —	—	1	10
Partition walls, a brick in breadth thick, per perch, statute —	—	1	1
Lathing, tiling, and pointing the tiles, per perch, ditto —	—	—	6
Plastering the inside of brick or stone walls with lime and hair, } with two coats, a coarse and a fine, per yard ———— }	—	—	2
N. B. <i>One coat of lime, sand and hair, is preferable to two.</i>			
Lathing and plastering for ceiling stair-cases, per yard —	—	—	4
N. B. 550 bricks will make a perch of walling a brick in length thick, <i>statute measure</i> , and so in proportion for any other thickness.			
Nine 12 inch squares pave a square yard.			
Thirteen 10 inch ditto do the same.			
Sixteen 9 inch ditto do the same.			
Thirty-two bricks do the same.			
A thousand common slate cover $2\frac{1}{2}$ square.			
Seven hundred tiles cover one square.			
A bunch and half of lath will cover a square in tiling.			
A bunch will do the same in slating.			
Three bunches of lath will cover a little more than 7 yards of plastering.			
In digging foundations, the price is according to the nature } of the soil. — Upon a rock, per yard solid ———— }	—	—	6
Upon any indifferent soil, from 3d. to ————	—	—	4
But fen-ditches, and grounds on navigable rivers, are cut and } moved for ———— ———— ———— }	—	—	$2\frac{1}{2}$

MILLWRIGHTS WORK.

A water-wheel, about ———— ————	4	—	—
A cogg-wheel ———— ———— ————	2	—	—
An axle-tree ———— ———— ————	1	—	—
Flooring a pair of new mill-stones ———— ————	2	—	—
An <i>over-shot</i> water-mill (and making all the utensils belonging) } which takes water about the centre of the axle-tree, may be } built for about ———— ———— ———— }	25	—	—
<i>Viz.</i> for the millwrights work only, according to Mr. Laurence			
A wind-mill (with all the utensils belonging) for grinding corn, } the millwrights work only, at about ———— }	30	—	—
A horse-mill for grinding malt, and shelling oats, the mill- } wrights work only, at about ———— ———— }	8	—	—

MILL-STONES *from Holland, where imported.*

45 inches diameter, and 15 inches thick, per pair ————	20	—	—
48 inches diameter, and 14 inches thick, per pair ————	15	—	—
46 inches diameter, and 13 inches thick, per pair ————	11	10	—
44 inches diameter, and 13 inches thick, per pair ————	10	10	—
40 inches diameter, and 12 inches thick, per pair ————	8	10	—

YORK and DERBYSHIRE STONES *on the Spot.*

			£.	s.	d.
20 hands diameter, per pair	_____	_____	11	10	—
19 ditto _____ per pair	_____	_____	10	—	—
18 ditto _____ per pair	_____	_____	9	—	—
17 ditto _____ per pair	_____	_____	8	—	—
16 ditto _____ per pair	_____	_____	7	—	—
15 ditto _____ per pair	_____	_____	6	—	—
14 ditto _____ per pair.	_____	_____	5	—	—
N. B. <i>The hand is 3½ inches</i>			4	—	—
A steel cylindar-mill for grinding of malt (as made at Marlborough, Wilts)			}		

FRENCH STONES,

Are brought hither in pieces (*from*) or by the way of Holland, and are sold neither by weight nor measure, but by lot. It is common for the purchaser to pitch upon a parcel that best suits with his turn, and the price is according to the quantity and quality of the stones. A common runner will come to about 14*l.* and the Nether stone to about 10*l.* They are joined together with the refuse of the stones, reduced to powder, and made into a cement.

THATCHING.

A good load of straw will thatch about 3 square on bare lath,	}	—	2	6
per square _____		—	—	—
And about 4 squares on coating, per square _____		—	1	8

HUSBANDRY.

Common hedging, with a live back and a dead hedge on the ditch side, cutting and plashing, per perch _____	}	—	—	8
And sometimes _____		—	—	7
But for great old hedges between one lordship and another, and such as are full of wood and lop, and a 6 or 7 feet ditch, per perch _____	}	—	—	8
A ditch 10 feet wide at top, and 6 at bottom, and 4 feet deep, per perch _____		—	1	4
A ditch between 4 and 5 feet wide, with two tables of sets, and two dead hedges, per perch, statute measure (<i>if rocky, more</i>) _____	}	—	—	8

N. B. 120 plants will plant a perch, which are about 3*s.* 6*d.* to 4*s.* per thousand; those raised from the haw are preferable to the other.

	£.	s.	d.
A 7 feet ditch, as between lordship and lordship, per perch	—	1	—
Common trenching, per perch. (N. B. <i>All the above is statute measure</i>)	—	—	1
Ploughing the first time on a stiff clay stubble, per acre	—	5	—
Ploughing the second time on the same, per acre	—	4	8
Ploughing, harrowing, and sowing, the third time on the same land, per acre	—	5	6
Ploughing the first time on a light gravelly soil, per acre, <i>about</i>	—	4	6
Ploughing the second time on the same	—	4	—
Ploughing, harrowing, and sowing, the third time on the same land, per acre	—	5	—
On a light sandy soil the above-mentioned tilths may be done for something less.			
Reaping and binding of wheat and rye, may be done per acre, for	—	5	—
Mowing of barley, or oats, and cocking and raking	—	3	8
Mowing, raking, and cocking of hay, where it is a thinish crop	—	3	—
But where it is a heavy crop, per acre	—	4	—
For mowing only on the before-mentioned lands, from 2s. 2d to	—	2	6
Threshing and winnowing of wheat and rye, per quarter	—	2	8
Threshing and winnowing of barley, per quarter	—	1	10
Threshing and winnowing of oats, per quarter	—	1	6
Threshing and winnowing of beans and pease, per quarter	—	2	—

N. B. All the before-mentioned articles are calculated for statute measure, but may be proportioned to any other common and customary measure used in all different parts of the kingdom, where the same may be occasionally required; and as to the price, that varies accordingly as the *place* lies further *north* or *south*, or as it is distant from London, &c.

A

T A B L E

O F

Timber Measure, Stones, &c. ready cast up, from 3 to 72 Inches, the Side of the Square (or half the Girt at the End) and from one Foot to 45 in Length.

THE usual and most common way to measure timber, is, to take the girt in the middle of the piece, as others with more propriety, take it a little above the butt-end, in the middle, and near the end of the timber part, and take the third part of the three girts for the mean. The mean girt being so obtained; if the *stick* has bark on it, the eighth part of that mean is cast away as an allowance for it, and the remainder is to be folded into four equal parts, one of which is taken for the true side of the square: but provided the *stick* is disbarked, no such allowance as an eighth part is to be made.

As this method has grown into a custom, I shall not in this place go about to confute it, but immediately shew in as plain a manner as I can, how to apply the following table to practice.

First, find the length of the piece in the first column; then look at the top of the table for the side of the square in inches and parts (*if any*) and at the angle of meeting, is the content of such piece in feet, or feet and decimal parts.

As, suppose the length of a piece be 19 feet, and the side of the square (*according to custom*) be 21 inches, look for 19 in the first column, titled length in feet, and
at

at the top of the table find 21, and at the angle of meeting will be found 58.19 feet: which is 58 feet and almost a quarter.

Again, when the length of a piece consists of feet and parts of a foot, as a $\frac{1}{4}$, $\frac{1}{2}$, or $\frac{3}{4}$, which is near enough, or more near than any other person yet attempted, which when the side of the square is large, I think ought to be accounted for.

E X A M P L E.

Suppose the length of a piece of timber be $17\frac{3}{4}$ feet, and the side of the square $33\frac{1}{4}$ inches, what is the content.

According to the above directions, the content of a piece of timber 17 feet long, and $33\frac{1}{4}$ inches square is found to be 130.52 feet, and then by the tablet at the bottom, in the same column, the $\frac{3}{4}$ of a foot in length is found to make 5.76 feet to be added.

See the operation.

$$\begin{array}{r} 130.52 \\ 5.76 \\ \hline \end{array}$$

136.28 Content in feet.

The like of all others.

So that whatever may be urged to the contrary of not taking the length of timber sticks, but to even feet only (*as the too common way is*) I can see no reason, why the 5.76 feet should not be brought to account, as well as the 130.52, it being a part of the same piece; and at *eighteen pence per foot* comes to *six shillings and seven-pence half-penny*: which may be *seven years growth*, therefore too much to be *thrown away in (perhaps) part of a bargain*; besides, those that retail timber to inferior workmen, make no such allowance.

N. B. This Table is applicable to the casting up the measure of blocks of stone, &c.

The

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{3}{4}$	5	$5\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{3}{4}$	6	$6\frac{1}{4}$
1	.06	.07	.08	.09	.11	.12	.14	.15	.17	.19	.21	.23	.25	.27
2	.12	.14	.17	.19	.22	.25	.28	.31	.34	.38	.42	.46	.50	.54
3	.19	.22	.25	.29	.33	.37	.42	.47	.52	.57	.63	.69	.75	.81
4	.25	.29	.34	.39	.44	.50	.56	.62	.69	.76	.84	.92	1.00	1.08
5	.31	.36	.42	.49	.55	.62	.70	.78	.86	.95	1.05	1.15	1.25	1.35
6	.37	.44	.51	.58	.66	.75	.84	.94	1.04	1.14	1.26	1.37	1.50	1.62
7	.43	.51	.59	.68	.77	.87	.98	1.09	1.21	1.34	1.46	1.60	1.75	1.89
8	.50	.58	.68	.78	.89	1.00	1.12	1.25	1.38	1.53	1.68	1.83	2.00	2.17
9	.56	.66	.76	.88	1.00	1.13	1.26	1.41	1.56	1.72	1.89	2.06	2.25	2.44
10	.62	.73	.85	.97	1.11	1.25	1.40	1.56	1.73	1.91	2.10	2.29	2.50	2.71
11	.68	.80	.93	1.07	1.22	1.38	1.54	1.72	1.91	2.10	2.31	2.52	2.75	2.98
12	.75	.88	1.02	1.17	1.33	1.51	1.68	1.88	2.08	2.29	2.52	2.75	3.00	3.25
13	.81	.95	1.10	1.26	1.44	1.63	1.82	2.03	2.25	2.48	2.73	2.98	3.25	3.52
14	.87	1.02	1.19	1.36	1.55	1.75	1.96	2.19	2.43	2.67	2.94	3.21	3.50	3.79
15	.93	1.10	1.27	1.46	1.66	1.88	2.11	2.35	2.60	2.86	3.15	3.44	3.75	4.06
16	1.00	1.17	1.36	1.56	1.77	2.01	2.45	2.50	2.77	3.06	3.36	3.67	4.00	4.34
17	1.06	1.24	1.44	1.65	1.88	2.13	2.39	2.66	2.95	3.25	3.57	3.90	4.25	4.61
18	1.12	1.31	1.53	1.75	2.00	2.26	2.53	2.82	3.12	3.44	3.78	4.13	4.50	4.88
19	1.18	1.39	1.61	1.85	2.11	2.38	2.67	2.97	3.29	3.63	3.99	4.36	4.75	5.15
20	1.25	1.46	1.70	1.95	2.22	2.51	2.81	3.13	3.47	3.82	4.20	4.59	5.00	5.42
21	1.31	1.54	1.78	2.05	2.33	2.64	2.95	3.29	3.64	4.01	4.41	4.82	5.25	5.69
22	1.37	1.61	1.87	2.14	2.44	2.76	3.09	3.44	3.81	4.20	4.62	5.05	5.50	5.96
23	1.43	1.68	1.95	2.24	2.55	2.89	3.23	3.60	3.99	4.40	4.83	5.28	5.75	6.23
24	1.50	1.76	2.04	2.34	2.66	3.01	3.37	3.76	4.16	4.59	5.04	5.51	6.00	6.50
25	1.56	1.83	2.12	2.44	2.77	3.14	3.51	3.91	4.34	4.78	5.25	5.74	6.25	6.78
26	1.62	1.90	2.21	2.53	2.89	3.26	3.65	4.07	4.51	4.97	5.46	5.97	6.50	7.05
27	1.68	1.98	2.29	2.63	3.00	3.39	3.79	4.23	4.68	5.16	5.67	6.20	6.75	7.32
28	1.75	2.05	2.38	2.73	3.11	3.52	3.93	4.38	4.86	5.35	5.88	6.43	7.00	7.59
29	1.81	2.12	2.46	2.83	3.22	3.64	4.07	4.54	5.03	5.54	6.09	6.66	7.25	7.86
30	1.87	2.20	2.55	2.93	3.33	3.77	4.21	4.70	5.20	5.73	6.30	6.89	7.50	8.13
31	1.93	2.27	2.63	3.02	3.44	3.89	4.35	4.85	5.38	5.93	6.51	7.11	7.75	8.40
32	2.00	2.34	2.72	3.12	3.55	4.02	4.50	5.01	5.55	6.12	6.72	7.34	8.00	8.67
33	2.06	2.42	2.80	3.22	3.66	4.14	4.63	5.17	5.72	6.31	6.93	7.57	8.25	8.95
34	2.12	2.50	2.89	3.31	3.77	4.27	4.78	5.32	5.90	6.50	7.14	7.80	8.50	9.22
35	2.18	2.56	2.97	3.41	3.89	4.40	4.92	5.48	6.07	6.69	7.35	8.03	8.75	9.49
36	2.25	2.64	3.06	3.51	4.00	4.52	5.06	5.64	6.25	6.88	7.56	8.26	9.00	9.76
37	2.31	2.71	3.14	3.61	4.11	4.65	5.20	5.79	6.42	7.07	7.77	8.49	9.25	10.03
38	2.37	2.78	3.23	3.70	4.22	4.77	5.34	5.95	6.59	7.27	7.98	8.72	9.50	10.30
39	2.43	2.85	3.31	3.80	4.33	4.90	5.48	6.11	6.77	7.46	8.19	8.95	9.75	10.57
40	2.50	2.93	3.40	3.90	4.44	5.02	5.62	6.26	6.94	7.65	8.40	9.18	10.00	10.85
41	2.56	3.00	3.48	4.00	4.55	5.15	5.76	6.42	7.11	7.84	8.61	9.41	10.25	11.12
42	2.62	3.07	3.57	4.09	4.66	5.27	5.90	6.58	7.29	8.03	8.82	9.64	10.50	11.39
43	2.68	3.15	3.65	4.19	4.77	5.40	6.04	6.73	7.46	8.22	9.03	9.87	10.75	11.66
44	2.75	3.22	3.74	4.29	4.89	5.53	6.18	6.89	7.63	8.41	9.24	10.10	11.00	11.93
45	2.81	3.30	3.82	4.39	5.00	5.65	6.32	7.05	7.81	8.60	9.45	10.33	11.25	12.20
$\frac{1}{4}$	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05	.05	.06	.07
$\frac{1}{2}$	.03	.03	.04	.04	.05	.06	.07	.07	.08	.09	.10	.11	.12	.13
$\frac{3}{4}$	.04	.05	.06	.06	.08	.09	.11	.11	.13	.14	.15	.16	.19	.20

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet,	$6\frac{1}{2}$	$6\frac{3}{4}$	7	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	9
1	.29	.31	.34	.36	.39	.41	.44	.47	.50	.53	.56
2	.58	.63	.68	.73	.78	.83	.89	.94	1.00	1.06	1.12
3	.88	.94	1.02	1.09	1.17	1.25	1.33	1.41	1.50	1.59	1.68
4	1.17	1.26	1.36	1.46	1.56	1.66	1.77	1.89	2.00	2.12	2.25
5	1.46	1.58	1.70	1.82	1.95	2.08	2.22	2.36	2.50	2.66	2.81
6	1.76	1.89	2.04	2.19	2.34	2.50	2.66	2.83	3.01	3.19	3.37
7	2.05	2.21	2.38	2.55	2.73	2.92	3.11	3.30	3.51	3.72	3.94
8	2.34	2.52	2.72	2.92	3.12	3.33	3.55	3.79	4.01	4.25	4.50
9	2.64	2.84	3.06	3.28	3.51	3.75	4.00	4.25	4.51	4.78	5.06
10	2.93	3.15	3.40	3.65	3.90	4.17	4.44	4.72	5.01	5.31	5.62
11	3.22	3.47	3.74	4.01	4.29	4.58	4.89	5.20	5.52	5.85	6.18
12	3.52	3.79	4.08	4.38	4.68	5.00	5.33	5.67	6.02	6.38	6.75
13	3.81	4.10	4.42	4.74	5.07	5.42	5.77	6.14	6.52	6.91	7.31
14	4.10	4.42	4.76	5.11	5.47	5.84	6.22	7.09	7.02	7.44	7.87
15	4.40	4.73	5.10	5.47	5.86	6.25	6.66	7.56	7.52	7.97	8.43
16	4.69	5.05	5.44	5.84	6.25	6.67	7.11	8.03	8.03	8.50	9.00
17	4.98	5.37	5.78	6.20	6.64	7.09	7.55	8.50	8.53	9.03	9.56
18	5.28	5.68	6.12	6.57	7.03	7.50	8.00	8.98	9.03	9.57	10.12
19	5.57	6.00	6.46	6.93	7.42	7.92	8.44	9.45	9.53	10.10	10.68
20	5.86	6.31	6.80	7.30	7.81	8.34	8.89	9.45	10.03	10.63	11.25
21	6.16	6.63	7.14	7.66	8.20	8.75	9.33	9.92	10.53	11.16	11.81
22	6.45	6.94	7.48	8.03	8.59	9.17	9.77	10.39	10.58	11.69	12.37
23	6.75	7.26	7.82	8.39	8.98	9.59	10.22	10.87	11.03	12.22	12.93
24	7.04	7.57	8.16	8.76	9.37	10.00	10.66	11.34	11.54	12.76	13.50
25	7.33	7.89	8.50	9.12	9.76	10.42	11.11	11.81	12.04	13.29	14.06
26	7.62	8.21	8.84	9.49	10.15	10.84	11.55	12.28	13.04	13.82	14.62
27	7.92	8.52	9.18	9.85	10.54	11.26	12.00	12.76	13.54	14.35	15.18
28	8.21	8.84	9.52	10.22	10.93	11.67	12.44	13.23	14.05	14.89	15.75
29	8.50	9.16	9.86	10.58	11.32	12.09	12.88	13.70	14.55	15.41	16.31
30	8.80	9.47	10.20	10.95	11.72	12.51	13.33	14.18	15.05	15.95	16.87
31	9.09	9.79	10.54	11.31	12.11	12.92	13.77	14.65	15.55	16.48	17.43
32	9.39	10.10	10.88	11.68	12.50	13.34	14.22	15.12	16.05	17.01	18.00
33	9.68	10.40	11.22	12.04	12.89	13.76	14.66	15.59	16.55	17.54	18.56
34	9.97	10.73	11.56	12.41	13.28	14.17	15.11	16.07	17.06	18.07	19.12
35	10.27	11.03	11.90	12.77	13.67	14.59	15.55	16.54	17.56	18.60	19.68
36	10.56	11.37	12.24	13.14	14.06	15.01	16.00	17.01	18.06	19.14	20.25
37	10.85	11.68	12.58	13.50	14.45	15.43	16.44	17.48	18.56	19.67	20.81
38	11.15	12.00	12.92	13.87	14.84	15.84	16.89	17.96	19.06	20.20	21.37
39	11.44	12.31	13.26	14.23	15.23	16.26	17.33	18.44	19.56	20.73	21.93
40	11.73	12.63	13.61	14.60	15.62	16.68	17.77	18.90	20.07	21.26	22.50
41	12.03	12.94	13.95	14.96	16.01	17.09	18.22	19.37	20.57	21.80	23.06
42	12.32	13.26	14.29	15.33	16.40	17.51	18.66	19.85	21.07	22.33	23.62
43	12.61	13.58	14.63	15.69	16.79	17.93	19.11	20.32	21.57	22.86	24.18
44	12.91	13.89	14.97	16.00	17.18	18.35	19.55	20.79	22.07	23.39	24.75
45	13.20	14.22	15.31	16.42	17.57	18.76	20.00	21.27	22.58	23.92	25.31
$\frac{1}{4}$	.07	.08	.08	.09	.10	.10	.11	.12	.12	.13	.14
$\frac{1}{2}$	.14	.15	.17	.18	.20	.20	.22	.23	.25	.26	.28
$\frac{3}{4}$	.22	.23	.25	.27	.30	.30	.33	.35	.37	.39	.42

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	10	$10\frac{1}{4}$	$10\frac{1}{2}$	$10\frac{3}{4}$	11	$11\frac{1}{4}$	$11\frac{1}{2}$	$11\frac{3}{4}$
1	.59	.62	.66	.69	.73	.76	.80	.84	.88	.92	.96
2	1.18	1.25	1.32	1.38	1.46	1.53	1.60	1.68	1.76	1.83	1.92
3	1.78	1.88	1.98	2.08	2.19	2.30	2.40	2.52	2.63	2.75	2.87
4	2.37	2.50	2.64	2.77	2.92	3.06	3.21	3.36	3.51	3.67	3.83
5	2.97	3.13	3.30	3.47	3.65	3.83	4.01	4.20	4.39	4.59	4.79
6	3.56	3.76	3.96	4.16	4.38	4.59	4.81	5.04	5.27	5.51	5.75
7	4.15	4.38	4.62	4.86	5.10	5.36	5.61	5.88	6.15	6.42	6.71
8	4.75	5.01	5.28	5.55	5.83	6.12	6.42	6.72	7.03	7.35	7.67
9	5.34	5.64	5.94	6.25	6.57	6.89	7.22	7.56	7.91	8.26	8.63
10	5.94	6.26	6.60	6.94	7.30	7.65	8.02	8.40	8.79	9.18	9.58
11	6.53	6.89	7.26	7.64	8.02	8.42	8.82	9.24	9.67	10.10	10.54
12	7.12	7.52	7.92	8.33	8.75	9.18	9.63	10.08	10.54	11.02	11.50
13	7.72	8.14	8.58	9.03	9.48	9.95	10.43	10.92	11.42	11.94	12.46
14	8.31	8.77	9.24	9.72	10.21	10.72	11.23	11.76	12.30	12.86	13.42
15	8.91	9.40	9.90	10.42	10.94	11.48	12.03	12.60	13.18	13.77	14.38
16	9.51	10.02	10.56	11.11	11.67	12.25	12.84	13.44	14.06	14.69	15.34
17	10.09	10.65	11.22	11.80	12.40	13.01	13.64	14.28	14.94	15.61	16.30
18	10.69	11.28	11.88	12.50	13.13	13.78	14.44	15.12	15.82	16.53	17.25
19	11.28	11.97	12.54	13.19	13.86	14.54	15.24	15.96	16.70	17.45	18.21
20	11.88	12.53	13.20	13.88	14.59	15.31	16.05	16.80	17.57	18.37	19.17
22	12.47	13.16	13.86	14.58	15.32	16.08	16.85	17.64	18.45	19.28	20.13
22	13.07	13.78	14.52	15.27	16.05	16.84	17.65	18.48	19.33	20.20	21.09
23	13.66	14.41	15.18	15.97	16.78	17.61	18.46	19.32	20.21	21.12	22.05
24	14.25	15.04	15.84	16.66	17.51	18.37	19.26	20.16	21.09	22.04	23.00
25	14.85	15.67	16.50	17.36	18.24	19.14	20.06	21.00	21.97	22.96	23.96
26	15.44	16.29	17.16	18.05	18.99	19.90	20.86	21.84	22.85	23.88	24.92
27	16.04	16.92	17.82	18.74	19.70	20.67	21.66	22.68	23.73	24.79	25.88
28	16.63	17.55	18.48	19.44	20.43	21.43	22.47	23.52	24.61	25.71	26.84
29	17.22	18.17	19.14	20.13	21.16	22.20	23.27	24.36	25.49	26.63	27.80
30	17.82	18.80	19.80	20.83	21.89	22.97	24.07	25.20	26.37	27.55	28.76
31	18.41	19.43	20.46	21.58	22.62	23.73	24.87	26.04	27.24	28.47	29.72
32	19.00	20.05	21.12	22.22	23.35	24.50	25.68	26.88	28.12	29.39	30.68
33	19.60	20.68	21.78	22.91	24.07	25.26	26.48	27.72	29.00	30.30	31.64
34	20.19	21.30	22.44	23.61	24.80	26.03	27.28	28.56	29.88	31.22	32.59
35	20.79	21.93	23.10	24.30	25.53	26.80	28.08	29.40	30.76	32.14	33.55
36	21.38	22.56	23.76	25.00	26.26	27.56	28.89	30.24	31.64	33.06	34.51
37	21.98	23.19	24.42	25.70	27.00	28.32	29.69	31.08	32.52	33.98	35.47
38	22.57	23.81	25.08	26.39	27.72	29.09	30.49	31.93	33.40	34.90	36.43
39	23.16	24.44	25.74	27.08	28.45	29.85	31.28	32.77	34.28	35.82	37.39
40	23.76	25.07	26.40	27.77	29.18	30.62	32.10	33.61	35.15	36.73	38.34
41	24.35	25.69	27.06	28.47	29.91	31.39	32.90	34.45	36.03	37.65	39.30
42	24.95	26.32	27.72	29.16	30.64	32.15	33.70	35.29	36.91	38.57	40.26
43	25.54	26.95	28.38	29.86	31.37	32.92	34.50	36.13	37.79	39.49	41.22
44	26.13	27.57	29.04	30.55	32.10	33.68	35.31	36.97	38.67	40.41	42.18
45	26.73	28.20	29.70	31.25	32.83	34.45	36.11	37.81	39.55	41.33	43.14
$1\frac{1}{4}$	.15	.15	.16	.17	.18	.19	.20	.21	.22	.23	.24
$1\frac{1}{2}$	.29	.31	.33	.34	.36	.38	.40	.42	.44	.46	.48
$1\frac{3}{4}$	.44	.46	.49	.52	.54	.57	.60	.63	.66	.69	.72

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	12	$12\frac{1}{4}$	$12\frac{1}{2}$	$12\frac{3}{4}$	13	$13\frac{1}{4}$	$13\frac{1}{2}$	$13\frac{3}{4}$	14	$14\frac{1}{4}$	$14\frac{1}{2}$	$14\frac{3}{4}$
1	1.	1.04	1.08	1.13	1.17	1.22	1.26	1.31	1.36	1.41	1.46	1.51
2	2.	2.08	2.17	2.26	2.35	2.44	2.53	2.62	2.72	2.82	2.92	3.02
3	3.	3.12	3.25	3.38	3.52	3.65	3.79	3.94	4.08	4.23	4.38	4.53
4	4.	4.17	4.34	4.51	4.69	4.87	5.06	5.25	5.44	5.64	5.84	6.04
5	5.	5.21	5.42	5.64	5.87	6.09	6.33	6.56	6.80	7.05	7.30	7.55
6	6.	6.25	6.51	6.17	7.04	7.31	7.59	7.88	8.16	8.46	8.76	9.06
7	7.	7.29	7.59	7.90	8.21	8.53	8.86	9.19	9.53	9.87	10.22	10.57
8	8.	8.33	8.68	9.03	9.39	9.75	10.12	10.50	10.89	11.28	11.68	12.08
9	9.	9.38	9.76	10.16	10.56	10.97	11.39	11.81	12.25	12.69	13.14	13.60
10	10.	10.42	10.85	11.29	11.73	12.19	12.65	13.14	13.61	14.10	14.60	15.11
11	11.	11.46	11.93	12.42	12.91	13.40	13.92	14.44	14.97	15.51	16.06	16.62
12	12.	12.50	13.02	13.54	14.08	14.62	15.19	15.75	16.33	16.92	17.52	18.13
13	13.	13.54	14.10	14.67	15.25	15.84	16.45	17.07	17.69	18.33	18.98	19.64
14	14.	14.59	15.19	15.80	16.43	17.06	17.72	18.38	19.05	19.74	20.44	21.15
15	15.	15.63	16.27	16.93	17.60	18.28	18.98	19.69	20.41	21.15	21.90	22.66
16	16.	16.67	17.36	18.06	18.78	19.50	20.25	21.00	21.77	22.56	23.36	24.17
17	17.	17.71	18.44	19.19	19.95	20.72	21.51	22.32	23.13	23.97	24.82	25.68
18	18.	18.75	19.53	20.32	21.12	21.93	22.78	23.63	24.50	25.38	26.28	27.19
19	19.	19.80	20.61	21.45	22.30	23.15	24.04	24.94	25.86	26.79	27.74	28.70
20	20.	20.84	21.70	22.58	23.47	24.37	25.31	26.26	27.22	28.20	29.20	30.21
21	21.	21.88	22.78	23.70	24.64	25.59	26.58	27.57	28.58	29.61	30.66	31.72
22	22.	22.92	23.87	24.83	25.82	26.81	27.84	28.88	29.94	31.02	32.12	33.24
23	23.	23.96	24.95	25.96	27.00	28.03	29.11	30.20	31.30	32.43	33.58	34.74
24	24.	25.01	26.04	27.09	28.16	29.25	30.37	31.51	32.66	33.84	35.04	36.26
25	25.	26.05	27.12	28.22	29.34	30.47	31.64	32.82	34.02	35.25	36.50	37.77
26	26.	27.09	28.21	29.35	30.51	31.68	32.90	34.13	35.38	36.66	37.96	39.28
27	27.	28.13	29.29	30.48	31.69	32.90	34.17	35.45	36.75	38.07	39.42	40.79
28	28.	29.17	30.38	31.61	32.86	34.12	35.43	36.76	38.11	39.48	40.88	42.30
29	29.	30.22	31.46	32.74	34.03	35.34	36.70	38.07	39.47	40.89	42.34	43.81
30	30.	31.26	32.55	33.87	35.20	36.56	37.97	39.39	40.83	42.30	43.80	45.32
31	31.	32.30	33.63	35.00	36.38	37.78	39.23	40.70	42.19	43.71	45.26	46.83
32	32.	33.34	34.72	36.12	37.55	39.00	40.50	42.01	43.55	45.12	46.72	48.34
33	33.	34.38	35.80	37.25	38.72	40.22	41.76	43.32	44.91	46.53	48.18	49.85
34	34.	35.43	36.89	38.38	39.90	41.43	43.03	44.64	46.27	47.94	49.64	51.36
35	35.	36.47	37.97	39.51	41.07	42.65	44.30	45.95	47.63	49.36	51.10	52.87
36	36.	37.51	39.06	40.64	42.25	43.87	45.56	47.26	49.00	50.77	52.56	54.39
37	37.	38.55	40.14	41.77	43.42	45.09	46.83	48.58	50.36	52.18	54.20	55.90
38	38.	39.59	41.23	42.90	44.60	46.31	48.10	49.90	51.72	53.59	55.48	57.41
39	39.	40.64	42.31	44.02	45.77	47.53	49.36	51.20	53.08	55.00	56.94	58.92
40	40.	41.68	43.40	45.15	46.94	48.75	50.62	52.51	54.44	56.41	58.40	60.43
41	41.	42.72	44.48	46.28	48.12	49.96	51.89	53.83	55.80	57.82	59.86	61.94
42	42.	43.76	45.57	47.41	49.29	51.18	53.15	55.14	57.16	59.23	61.32	63.45
43	43.	44.80	46.65	48.54	50.46	52.40	54.42	56.45	58.52	60.64	62.78	64.96
44	44.	45.84	47.74	49.67	51.64	53.62	55.68	57.77	59.88	62.04	64.24	66.47
45	45.	46.89	48.82	50.80	52.81	54.84	56.95	59.08	61.25	63.46	65.70	68.00
$\frac{1}{4}$	.25	.25	.27	.30	.29	.30	.31	.33	.34	.35	.36	.38
$\frac{1}{2}$	.50	.50	.54	.56	.58	.60	.63	.65	.68	.70	.73	.75
$\frac{3}{4}$	.75	.75	.81	.86	.87	.90	.94	.98	1.02	1.06	1.09	1.13

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	15	15. $\frac{1}{4}$	15. $\frac{1}{2}$	15. $\frac{3}{4}$	16	16. $\frac{1}{4}$	16. $\frac{1}{2}$	16. $\frac{3}{4}$	17	17. $\frac{1}{4}$	17. $\frac{1}{2}$	17. $\frac{3}{4}$
1	1.56	1.61	1.67	1.72	1.77	1.83	1.89	1.95	2.01	2.06	2.12	2.18
2	3.12	3.23	3.33	3.44	3.55	3.66	3.78	3.89	4.01	4.13	4.25	4.36
3	4.68	4.84	5.00	5.16	5.33	5.50	5.67	5.84	6.02	6.20	6.38	6.54
4	6.25	6.46	6.67	6.89	7.11	7.33	7.56	7.79	8.03	8.26	8.50	8.72
5	7.81	8.07	8.34	8.61	8.88	9.17	9.45	9.74	10.03	10.33	10.63	10.89
6	9.37	9.69	10.01	10.33	10.66	11.00	11.34	11.69	12.04	12.40	12.76	13.07
7	10.93	11.30	11.68	12.06	12.44	12.83	13.23	13.64	14.04	14.46	14.88	15.25
8	12.50	12.92	13.35	13.78	14.22	14.67	15.12	15.58	16.05	16.53	17.01	17.43
9	14.06	14.53	15.01	15.50	16.00	16.50	17.01	17.53	18.06	18.66	19.14	19.61
10	15.62	16.15	16.68	17.22	17.77	18.33	18.90	19.48	20.07	20.60	21.27	21.79
11	17.18	17.77	18.35	18.95	19.55	20.17	20.79	21.43	22.07	22.73	23.39	23.97
12	18.75	19.38	20.02	20.67	21.33	22.00	22.69	23.38	24.08	24.79	25.52	26.15
13	20.31	21.00	21.69	22.39	23.11	23.84	24.58	25.33	26.09	26.86	27.65	28.33
14	21.87	22.61	23.36	24.11	24.89	25.67	26.47	27.27	28.09	28.93	29.77	30.51
15	23.43	24.23	25.02	25.84	26.66	27.51	28.36	29.22	30.10	31.00	31.90	32.69
16	25.00	25.84	26.69	27.56	28.44	29.34	30.25	31.17	32.11	33.06	34.03	34.86
17	26.56	27.46	28.36	29.28	30.22	31.17	32.14	33.12	34.12	35.13	36.15	37.05
18	28.12	29.07	30.03	31.00	32.00	33.00	34.03	35.07	36.12	37.19	38.28	39.23
19	29.68	30.69	31.70	32.73	33.77	34.84	35.92	37.02	38.13	39.26	40.41	41.40
20	31.25	32.30	33.37	34.45	35.55	36.67	37.81	38.96	40.14	41.32	42.53	43.58
21	32.81	33.92	35.03	36.17	37.33	38.51	39.70	40.91	42.14	43.39	44.66	45.76
22	34.37	35.53	36.70	37.90	39.11	40.34	41.59	42.86	44.15	45.46	46.79	47.94
23	35.94	37.15	38.37	39.62	40.89	42.18	43.48	44.81	46.16	47.53	48.91	50.12
24	37.50	38.76	40.04	41.34	42.66	44.01	45.37	46.76	48.16	49.59	51.04	52.30
25	39.06	40.38	41.71	43.06	44.44	45.84	47.26	48.71	50.17	51.66	53.17	54.48
26	40.62	42.00	43.38	44.78	46.22	47.68	49.15	50.65	52.18	53.72	55.29	56.66
27	42.19	43.61	45.04	46.51	48.00	49.51	51.04	52.60	54.18	55.79	57.42	58.84
28	43.75	45.22	46.71	48.23	49.77	51.34	52.93	54.55	56.19	57.86	59.55	61.02
29	45.31	46.84	48.38	49.95	51.55	53.18	54.83	56.50	58.20	59.92	61.67	63.20
30	46.87	48.45	50.05	51.68	53.33	55.01	56.72	58.45	60.21	61.99	63.80	65.38
31	48.44	50.07	51.72	53.40	55.11	56.85	58.61	60.40	62.21	64.05	65.93	67.56
32	50.00	51.68	53.39	55.12	56.88	58.68	60.50	62.34	64.22	66.12	68.05	69.74
33	51.56	53.30	55.06	56.84	58.66	60.51	62.39	64.29	66.23	68.19	70.18	71.91
34	53.12	54.92	56.72	58.57	60.44	62.35	64.28	66.24	68.23	70.26	72.30	74.09
35	54.68	56.53	58.39	60.29	62.22	64.18	66.17	68.19	70.24	72.32	74.43	76.27
36	56.25	58.15	60.06	62.01	64.00	66.01	68.06	70.14	72.25	74.39	76.56	78.45
37	57.81	59.76	61.73	63.73	65.77	67.85	69.95	72.09	74.25	76.45	78.69	80.63
38	59.37	61.38	63.40	65.46	67.55	69.68	71.84	74.03	76.26	78.52	80.81	82.81
39	60.94	63.00	65.07	67.18	69.33	71.51	73.73	75.98	78.27	80.59	82.94	84.99
40	62.50	64.61	66.73	68.90	71.11	73.35	75.62	77.93	80.27	82.65	85.07	87.17
41	64.06	66.22	68.40	70.62	72.88	75.18	77.51	79.88	82.28	84.72	87.19	89.35
42	65.62	67.84	70.07	72.35	74.66	77.02	79.40	81.83	84.29	86.79	89.32	91.53
43	67.19	69.45	71.74	74.07	76.44	78.85	81.29	83.77	86.29	88.85	91.45	93.71
44	68.75	71.07	73.41	75.79	78.22	80.69	83.18	85.72	88.30	90.92	93.57	95.89
45	70.31	72.68	75.08	77.52	80.00	82.52	85.08	87.67	90.31	92.99	95.70	98.07
$\frac{1}{4}$	.39	.40	.42	.43	.44	.46	.47	.48	.50	.51	.52	.54
$\frac{1}{2}$	.78	.80	.83	.86	.88	.91	.94	.97	1.00	1.03	1.06	1.09
$\frac{3}{4}$	1.17	1.21	1.25	1.29	1.33	1.37	1.42	1.45	1.50	1.54	1.58	1.63

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	18	18. $\frac{1}{4}$	18. $\frac{1}{2}$	18. $\frac{3}{4}$	19	19. $\frac{1}{4}$	19. $\frac{1}{2}$	19. $\frac{3}{4}$	20	20. $\frac{1}{4}$
1	2.25	2.31	2.37	2.44	2.50	2.57	2.64	2.70	2.78	2.85
2	4.50	4.62	4.75	4.48	5.01	5.15	5.28	5.40	5.55	5.69
3	6.75	6.94	7.13	7.32	7.52	7.72	7.92	8.10	8.33	8.54
4	9.00	9.25	9.50	9.76	10.03	10.29	10.56	10.80	11.11	11.39
5	11.25	11.56	11.88	12.21	12.53	12.87	13.20	13.51	13.89	14.24
6	13.50	13.88	14.26	14.65	15.04	15.44	15.84	16.21	16.66	17.08
7	15.75	16.19	16.63	17.09	17.55	18.01	18.48	18.91	19.44	19.93
8	18.00	18.50	19.01	19.53	20.05	20.59	21.12	21.61	22.22	22.78
9	20.25	20.81	21.39	21.97	22.56	23.16	23.76	24.31	25.00	25.63
10	22.50	23.13	23.77	24.41	25.07	25.73	26.40	27.02	27.78	28.47
11	24.75	25.44	26.14	26.85	27.57	28.31	29.04	29.72	30.55	31.32
12	27.00	27.75	28.52	29.29	30.08	30.88	31.69	32.42	33.33	34.17
13	29.25	30.06	30.90	31.74	32.59	33.45	34.33	35.12	36.11	37.02
14	31.50	32.38	33.27	34.18	35.09	36.03	36.97	37.82	38.89	39.86
15	33.75	34.69	35.65	36.62	37.60	38.60	39.61	40.53	41.66	42.71
16	36.00	37.00	38.03	39.06	40.11	41.17	42.25	43.23	44.44	45.56
17	38.25	39.32	40.40	41.50	42.62	43.75	44.89	45.93	47.22	48.41
18	40.50	41.63	42.78	43.94	45.12	46.32	47.53	48.63	50.00	51.25
19	42.75	43.94	45.16	46.38	47.63	48.89	50.17	51.33	52.77	54.10
20	45.00	46.26	47.53	48.83	50.14	51.47	52.81	54.03	55.55	56.95
21	47.25	48.57	49.91	51.27	52.64	54.04	55.45	56.74	58.33	59.80
22	49.50	50.09	52.29	53.71	55.15	56.62	58.09	59.44	61.11	62.65
23	51.75	53.19	54.66	56.15	57.66	59.19	60.73	62.14	63.89	65.49
24	54.00	55.51	57.04	58.59	60.16	61.76	63.37	64.84	66.66	68.34
25	56.25	57.82	59.42	61.03	62.67	64.34	66.01	67.54	69.44	71.19
26	58.50	60.13	61.79	63.47	65.18	66.91	68.65	70.24	72.22	74.04
27	60.75	62.45	64.17	65.92	67.68	69.48	71.29	72.95	75.00	76.88
28	63.00	64.76	66.55	68.36	70.19	72.06	73.93	75.65	77.77	79.73
29	65.25	67.07	68.92	70.80	72.70	74.63	76.58	78.35	80.55	82.58
30	67.00	69.39	71.30	73.24	75.21	77.20	79.22	81.05	83.33	85.43
31	69.75	71.70	73.68	75.68	77.71	79.78	81.86	83.75	86.11	88.27
32	72.00	74.01	76.05	78.12	80.22	82.35	84.50	86.46	88.88	91.12
33	74.25	76.32	78.43	80.56	82.73	84.92	87.14	89.16	91.66	93.97
34	76.50	78.63	80.81	83.00	85.23	87.50	89.78	91.86	94.44	96.82
35	78.75	80.95	83.18	85.45	87.74	90.07	92.42	94.56	97.22	99.66
36	81.00	83.26	85.56	87.89	90.25	92.64	95.06	97.26	100.00	102.51
37	83.25	85.58	87.94	90.33	92.75	95.22	97.70	100.96	102.77	105.36
38	85.50	87.89	90.31	92.77	95.26	97.79	100.34	102.67	105.55	108.21
39	87.75	90.20	92.69	95.21	97.77	100.36	102.98	105.37	108.33	111.05
40	90.00	92.51	95.06	97.65	100.27	102.94	105.62	108.07	111.11	113.90
41	92.25	94.83	97.44	100.10	102.78	105.51	108.26	110.77	113.88	116.75
42	94.50	97.14	99.82	102.54	105.29	108.08	110.90	113.47	116.66	119.60
43	96.75	99.45	102.20	104.98	107.79	110.66	113.54	116.18	119.44	122.44
44	99.00	101.76	104.57	107.42	110.30	113.23	116.15	118.88	122.22	125.29
45	101.25	104.08	106.95	109.86	112.81	115.81	118.83	121.58	125.00	128.14
$\frac{1}{4}$	.56	.58	.59	.61	.62	.64	.66	.67	.69	.71
$\frac{1}{2}$	1.12	1.16	1.18	1.22	1.25	1.28	1.32	1.35	1.39	1.42
$\frac{3}{4}$	1.69	1.74	1.78	1.83	1.87	1.93	1.89	2.02	2.08	2.14

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$20\frac{1}{2}$	$20\frac{3}{4}$	21	$21\frac{1}{4}$	$21\frac{1}{2}$	$21\frac{3}{4}$	22	$22\frac{1}{4}$	$22\frac{1}{2}$
1	2.92	2.99	3.06	3.13	3.21	3.28	3.35	3.44	3.51
2	5.83	5.98	6.12	6.27	6.42	6.57	6.71	6.87	7.03
3	8.75	8.97	9.19	9.41	9.63	9.85	10.06	10.31	10.54
4	11.67	11.96	12.25	12.54	12.84	13.14	13.42	13.75	14.06
5	14.59	14.95	15.31	15.68	16.05	16.42	16.77	17.19	17.58
6	17.51	17.94	18.37	28.85	19.26	19.71	20.13	20.63	21.09
7	20.43	20.93	21.44	21.95	22.47	22.99	23.49	24.06	24.61
8	23.35	23.92	24.50	25.08	25.68	26.28	26.84	27.50	28.12
9	26.26	26.91	27.56	38.22	28.89	29.56	30.20	30.94	34.64
10	29.18	29.90	30.62	31.36	32.10	32.85	33.55	34.38	35.15
11	32.10	32.89	33.69	34.49	35.31	36.13	36.91	37.81	38.67
12	35.02	35.88	36.75	37.63	38.52	39.42	40.26	41.25	42.19
13	37.94	38.87	39.81	40.76	41.73	42.70	43.62	44.69	45.70
14	40.86	41.86	42.87	43.90	44.94	45.99	46.97	48.13	49.21
15	43.77	44.85	45.94	47.04	48.15	49.27	50.33	51.57	52.73
16	46.69	47.84	49.00	50.17	51.36	52.56	53.68	55.00	56.25
17	49.61	50.83	52.06	53.31	54.57	55.84	57.04	58.44	59.76
18	52.53	53.82	55.12	56.44	57.78	59.13	60.39	61.88	63.28
19	55.45	56.81	58.19	59.58	60.99	62.41	63.75	65.32	66.79
20	58.37	59.80	61.25	62.71	64.20	65.70	67.10	68.76	7.081
21	61.28	62.79	64.31	65.85	67.41	68.99	70.46	72.19	73.83
22	64.20	65.78	67.37	68.99	70.62	72.27	73.81	75.63	77.34
23	67.12	68.77	70.44	72.12	73.83	75.56	77.17	79.07	80.86
24	70.04	71.76	73.50	75.26	77.04	78.84	80.53	82.51	84.37
25	72.96	74.75	76.56	78.39	80.25	82.13	83.88	85.95	87.89
26	75.88	77.74	79.62	81.53	83.46	85.41	87.24	89.38	91.40
27	78.79	80.73	82.69	84.66	86.67	88.70	90.59	92.82	94.92
28	81.17	83.72	85.75	87.80	89.88	91.98	93.95	96.26	98.43
29	84.63	86.71	88.81	90.93	93.09	95.27	97.30	99.70	101.95
30	87.55	89.70	91.87	94.07	96.30	98.55	100.66	103.14	105.46
31	90.47	92.69	94.94	97.21	99.51	101.84	104.01	106.57	108.98
32	93.39	95.68	98.00	100.34	102.72	105.12	107.37	110.01	112.50
33	96.31	98.67	101.06	103.48	105.93	108.41	110.72	113.45	116.01
34	99.22	101.66	104.12	106.62	109.14	111.69	114.08	116.89	119.53
35	102.14	104.65	107.19	109.75	112.35	114.98	117.43	120.32	123.04
36	105.06	107.64	110.25	112.88	115.56	118.26	120.79	123.76	126.56
37	107.98	110.63	113.31	116.02	118.77	121.55	124.14	127.20	130.08
38	110.90	113.62	116.37	119.16	121.98	124.33	127.50	130.64	133.59
39	113.82	116.61	119.44	122.29	125.19	128.12	130.85	134.08	137.11
40	116.73	119.60	122.50	125.43	128.40	131.40	134.21	137.51	140.62
41	119.65	122.59	125.56	128.57	131.61	134.69	137.57	140.95	144.14
42	122.57	125.58	128.62	131.70	134.80	137.97	140.92	144.39	147.65
43	125.49	128.57	131.69	134.84	138.03	141.26	144.28	147.83	151.17
44	128.41	131.56	134.75	137.97	141.24	144.54	147.63	151.27	154.68
45	131.33	134.55	137.81	141.11	144.45	147.83	151.00	154.70	158.20
$\frac{1}{4}$	.73	.75	.76	.78	.80	.82	.84	.86	.88
$\frac{1}{2}$	1.46	1.49	1.53	1.56	1.60	1.64	1.68	1.72	1.75
$\frac{3}{4}$	2.19	2.24	2.29	2.35	2.41	2.46	2.51	2.58	2.63

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$22\frac{3}{4}$	23	$23\frac{1}{4}$	$23\frac{1}{2}$	$23\frac{3}{4}$	24	$24\frac{1}{4}$	$24\frac{1}{2}$	$24\frac{3}{4}$	25
1	3.59	3.67	3.75	3.83	3.91	.4	4.08	4.17	4.25	4.34
2	7.19	7.35	7.51	7.67	7.83	.8	8.16	8.33	8.50	8.68
3	10.78	11.02	11.26	11.50	11.75	1.2	12.25	12.50	12.76	13.02
4	14.37	14.69	15.01	15.34	15.67	1.6	16.33	16.68	17.01	17.36
5	17.97	18.37	18.77	19.17	19.58	2.0	20.42	20.84	21.27	21.70
6	21.56	22.04	22.52	23.01	23.50	2.4	24.50	25.01	25.52	26.04
7	25.16	25.71	26.28	26.84	27.42	2.8	28.58	29.18	29.78	30.38
8	28.75	29.39	30.03	30.68	31.33	3.2	32.67	33.35	34.03	34.72
9	32.34	33.06	33.78	34.51	35.25	3.6	36.75	37.51	38.28	39.06
10	35.94	36.73	37.54	38.35	39.17	4.0	40.84	41.68	42.54	43.40
11	39.53	40.41	41.29	42.18	43.09	4.4	44.92	45.85	46.79	47.74
12	43.13	44.08	45.04	46.02	47.00	4.8	49.00	50.02	51.04	52.08
13	46.72	47.75	48.80	49.85	50.92	5.2	53.09	54.19	55.30	56.42
14	50.32	51.43	52.55	53.69	54.84	5.6	57.17	58.36	59.55	60.76
15	53.91	55.10	56.30	57.52	58.75	6.0	61.25	62.52	63.81	65.10
16	57.51	58.78	60.06	61.36	62.67	6.4	65.34	66.69	68.06	69.44
17	61.10	62.45	63.81	65.19	66.59	6.8	69.42	70.86	72.31	73.78
18	64.69	66.12	67.57	69.03	70.50	7.2	73.50	75.03	76.57	78.12
19	68.29	69.80	71.32	72.86	74.42	7.6	77.59	79.20	80.82	82.46
20	71.88	73.47	75.08	76.70	78.34	8.0	81.67	83.37	85.08	86.80
21	75.48	77.14	78.83	80.53	82.26	8.4	85.76	87.53	89.33	91.14
22	79.07	80.82	82.58	84.37	86.17	8.8	89.84	91.70	93.58	95.48
23	82.67	84.49	86.34	88.20	90.09	9.2	93.92	95.87	97.84	99.82
24	86.26	88.16	90.09	92.04	94.01	9.6	98.00	100.04	102.09	104.16
25	89.85	91.84	93.85	95.87	97.93	1.00	102.09	104.01	106.35	108.50
26	93.45	95.51	97.60	99.71	101.84	1.04	106.17	108.38	110.60	112.84
27	97.04	99.19	101.35	103.54	105.76	1.08	110.26	112.54	114.85	117.18
28	100.64	102.86	105.11	107.38	109.68	1.12	114.34	116.71	119.11	121.52
29	104.23	106.53	108.86	111.21	113.59	1.16	118.43	120.88	123.36	125.86
30	107.82	110.20	112.62	115.05	117.51	1.20	122.51	125.05	127.62	130.20
31	111.42	113.88	116.37	118.88	121.43	1.24	126.59	129.22	131.87	134.54
32	115.01	117.55	120.12	122.72	125.35	1.28	130.68	133.39	136.12	138.88
33	118.61	121.23	123.88	126.55	129.26	1.32	134.76	137.56	140.38	143.22
34	122.20	124.90	127.63	130.39	133.18	1.36	138.84	141.72	144.63	147.56
35	125.80	128.57	131.38	134.22	137.10	1.40	142.93	145.89	148.88	151.91
36	129.39	132.25	135.14	138.06	141.01	1.44	147.01	150.06	153.14	156.25
37	132.98	135.92	138.89	141.89	144.93	1.48	151.09	154.23	157.39	160.59
38	136.58	139.59	142.65	145.73	148.85	1.52	155.18	158.40	161.65	164.93
39	140.17	143.27	146.40	149.56	152.76	1.56	159.26	162.57	165.90	169.26
40	143.77	146.94	150.15	153.40	156.68	1.60	163.35	166.73	170.15	173.61
41	147.36	150.62	153.91	157.23	160.60	1.64	167.43	170.90	174.41	177.95
42	150.95	154.29	157.66	161.07	164.52	1.68	171.51	175.07	178.66	182.29
43	154.55	157.96	161.42	164.90	168.43	1.72	175.60	179.24	182.91	186.63
44	158.14	161.64	165.17	168.74	172.35	1.76	179.68	183.41	187.17	190.97
45	161.74	165.31	168.92	172.57	176.27	1.80	183.76	187.58	191.42	195.31
$\frac{1}{4}$	.90	.92	.94	.96	.98	.1	1.02	1.04	1.06	1.08
$\frac{1}{2}$	1.79	1.83	1.88	1.91	1.95	.2	2.04	2.08	2.12	2.17
$\frac{3}{4}$	2.69	2.75	2.81	2.87	2.93	.3	3.06	3.13	3.19	3.25

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$25\frac{1}{4}$	$25\frac{1}{2}$	$25\frac{3}{4}$	26.	$26\frac{1}{4}$	$26\frac{1}{2}$	$26\frac{3}{4}$	27.	$27\frac{1}{4}$	$27\frac{1}{2}$
1	4.42	4.51	4.60	4.69	4.78	4.87	4.97	5.06	5.16	5.25
2	8.85	9.03	9.21	9.38	9.57	9.75	9.94	10.12	10.32	10.50
3	13.28	13.54	13.81	14.08	14.35	14.63	14.91	15.19	15.49	15.75
4	17.71	18.06	18.42	18.78	19.14	19.50	19.87	20.25	20.65	21.00
5	22.14	22.58	23.02	23.47	23.92	24.38	24.84	25.31	25.81	26.26
6	26.56	27.09	27.63	28.16	28.71	29.26	29.81	30.37	30.97	31.51
7	30.99	31.61	32.23	32.86	33.49	34.13	34.78	35.44	36.14	36.76
8	35.42	36.12	36.83	37.55	38.28	39.01	39.75	40.50	41.30	42.01
9	39.85	40.64	41.44	42.25	43.06	43.89	44.72	45.56	46.46	47.26
10	44.27	45.15	46.04	46.94	47.85	48.77	49.68	50.62	51.62	52.52
11	48.70	49.67	50.65	51.64	52.63	53.64	54.66	55.69	56.79	57.77
12	53.13	54.19	55.25	56.33	57.42	58.52	59.63	60.75	61.95	63.02
13	57.56	58.70	59.86	61.03	62.20	63.40	64.61	65.81	67.11	68.27
14	61.98	63.22	64.46	65.72	67.00	68.27	69.57	70.87	72.27	73.52
15	66.41	67.73	69.07	70.41	71.77	73.15	74.54	75.94	77.44	78.77
16	70.84	72.25	73.67	75.11	76.56	78.03	79.51	81.00	82.60	84.03
17	75.27	76.76	78.28	79.80	81.34	82.90	84.47	86.06	87.76	89.28
18	79.69	81.28	82.88	84.50	86.13	87.78	89.44	91.12	92.92	94.53
19	84.12	85.79	87.49	89.19	90.91	92.66	94.41	96.18	98.09	99.78
20	88.55	90.31	92.09	93.89	95.70	97.53	99.38	101.25	103.25	105.03
21	92.98	94.83	96.69	98.58	100.49	102.41	104.35	106.31	108.41	110.28
22	97.40	99.34	101.30	103.27	105.27	107.29	109.32	111.37	113.57	115.54
23	101.83	103.86	105.90	107.97	110.06	112.16	114.29	116.44	118.74	120.79
24	106.26	108.37	110.51	112.66	114.84	117.04	119.26	121.50	123.90	126.04
25	110.69	112.89	115.11	117.36	119.63	121.92	124.23	126.56	129.06	131.29
26	115.11	117.40	119.72	122.05	124.41	126.79	129.20	131.62	134.22	136.54
27	119.54	121.92	124.32	126.75	129.20	131.67	134.17	136.69	139.39	141.79
28	123.97	126.43	128.93	131.44	133.98	136.55	139.14	141.75	144.55	147.05
29	128.40	130.95	133.58	136.14	138.77	141.42	144.10	146.81	149.71	152.30
30	132.82	135.47	138.14	140.83	143.55	146.30	149.07	151.87	154.87	157.55
31	137.25	139.98	142.74	145.52	148.34	151.18	154.04	156.94	160.04	162.80
32	141.68	144.50	147.35	150.22	153.12	156.05	159.01	162.00	165.20	168.05
33	146.11	149.01	151.95	154.91	157.91	160.93	163.98	167.06	170.36	173.30
34	150.53	153.53	156.55	159.61	162.69	165.81	168.95	172.12	175.52	178.56
35	154.96	158.04	161.16	164.30	167.48	170.68	173.92	177.19	180.69	183.81
36	159.39	162.56	165.76	169.00	172.26	175.56	178.89	182.25	185.85	189.06
37	163.82	167.08	170.37	173.69	177.05	180.44	183.86	187.31	191.01	194.31
38	168.24	171.59	174.97	178.39	181.83	185.31	188.83	192.37	196.17	199.56
39	172.67	176.11	179.58	183.08	186.62	190.19	193.80	197.44	201.34	204.81
40	177.10	180.62	184.18	187.77	191.40	195.07	198.77	202.50	206.50	210.07
41	181.53	185.14	188.79	192.47	196.19	199.95	203.74	207.56	211.66	215.32
42	185.95	189.65	193.39	197.16	200.97	204.82	208.70	212.62	216.82	220.57
43	190.38	194.17	198.00	201.86	205.76	209.70	213.67	217.69	221.99	225.82
44	194.81	198.68	202.60	206.55	210.54	214.57	218.64	222.75	227.15	231.07
45	199.24	203.20	207.21	211.25	215.33	219.45	223.61	227.81	232.31	236.33
$\frac{1}{4}$	1.11	1.15	1.15	1.17	1.19	1.22	1.24	1.26	1.29	1.31
$\frac{1}{2}$	2.21	2.20	2.30	2.35	2.39	2.43	2.48	2.53	2.58	2.63
$\frac{3}{4}$	3.32	3.35	3.45	3.52	3.58	3.65	3.72	3.79	3.87	3.94

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet,	$27\frac{3}{4}$	28.	$28\frac{1}{4}$	$28\frac{1}{2}$	$28\frac{3}{4}$	29.	$29\frac{1}{4}$	$29\frac{1}{2}$	$29\frac{3}{4}$	30.
1	5.35	5.44	5.54	5.64	5.74	5.84	5.94	6.04	6.14	6.25
2	10.69	10.88	11.08	11.28	11.48	11.68	11.88	12.08	12.29	12.50
3	16.04	16.33	16.62	16.92	17.22	17.52	17.82	18.13	18.44	18.75
4	21.39	21.78	22.17	22.56	22.96	23.36	23.76	24.17	24.58	25.00
5	26.74	27.22	27.71	28.20	28.70	29.20	29.71	30.22	30.73	31.25
6	32.08	32.66	33.25	33.84	34.44	35.04	35.65	36.26	36.88	37.50
7	37.43	38.11	38.79	39.48	40.18	40.88	41.59	42.30	43.02	43.75
8	42.78	43.55	44.33	45.12	45.92	46.72	47.53	48.35	49.17	50.00
9	48.13	49.00	49.88	50.76	51.66	52.56	53.47	54.39	55.31	56.25
10	53.47	54.44	55.42	56.40	57.40	58.40	59.41	60.43	61.46	62.50
11	58.82	59.89	60.96	62.04	63.14	64.24	65.35	66.48	67.61	68.75
12	64.17	65.33	66.50	67.69	68.88	70.08	71.29	72.52	73.75	75.00
13	69.52	70.78	72.05	73.33	74.62	75.92	77.24	78.56	79.90	81.25
14	74.86	76.22	77.59	78.97	80.36	81.76	83.18	84.61	86.05	87.50
15	80.21	81.66	83.13	84.61	86.10	87.60	89.12	90.65	92.19	93.75
16	85.56	87.11	88.67	90.25	91.84	93.44	95.06	96.69	98.34	100.00
17	90.91	92.55	94.21	95.89	97.58	99.28	101.00	102.74	104.49	106.25
18	96.25	98.00	99.76	101.53	103.32	105.12	106.94	108.78	110.63	112.50
19	101.60	103.44	105.30	107.17	109.06	110.96	112.88	114.82	116.78	118.75
20	106.95	108.89	110.84	112.81	114.80	116.80	118.83	120.87	122.92	125.00
21	112.30	114.33	116.38	118.45	120.54	122.64	124.77	126.91	129.07	131.25
22	117.65	119.77	121.92	124.09	126.28	128.48	130.77	132.95	135.22	137.50
23	122.99	125.22	127.47	129.73	132.02	134.32	136.65	139.00	141.36	143.75
24	128.34	130.66	133.01	135.37	137.76	140.16	142.59	145.04	147.51	150.00
25	133.69	136.11	138.55	141.01	143.50	146.00	148.53	151.08	153.66	156.25
26	139.04	141.55	144.09	146.65	149.24	151.84	154.47	157.13	159.80	162.50
27	144.38	147.00	149.63	152.29	154.98	157.68	160.42	163.17	165.95	168.75
28	149.73	152.44	155.18	157.93	160.72	163.52	166.36	169.21	172.09	175.00
29	155.08	157.89	160.72	163.58	166.46	169.36	172.30	175.25	178.24	181.25
30	160.43	163.33	166.26	169.22	172.20	175.20	178.24	181.30	184.39	187.50
31	165.77	168.77	171.80	174.86	177.94	181.04	184.18	187.34	190.53	193.75
32	171.12	174.22	177.35	180.50	183.68	186.88	190.12	193.39	196.68	200.00
33	176.47	179.66	182.89	186.14	189.42	192.72	196.06	199.43	202.83	206.25
34	181.82	185.11	188.43	191.78	195.16	198.56	202.01	205.47	208.97	212.50
35	187.16	190.56	193.97	197.42	200.90	204.40	207.95	211.52	215.12	218.75
36	192.51	196.00	199.51	203.06	206.64	210.24	213.89	217.56	221.26	225.00
37	197.86	201.44	205.06	208.70	212.38	216.08	219.83	223.60	227.41	231.25
38	203.21	206.89	210.60	214.34	218.12	221.92	225.77	229.65	233.56	237.50
39	208.55	212.33	216.14	219.98	223.86	227.76	231.71	235.69	239.70	243.75
40	213.90	217.77	221.68	225.62	229.60	233.60	237.65	241.73	245.85	250.00
41	219.25	223.22	227.22	231.26	235.34	239.44	243.60	247.78	252.00	256.25
42	224.60	228.66	232.77	236.90	241.08	245.28	249.54	253.82	258.14	262.50
43	229.94	234.11	238.31	242.54	246.82	251.12	255.48	259.86	264.29	268.75
44	235.29	239.55	243.85	248.18	252.56	256.96	261.42	265.91	270.44	275.00
45	240.64	245.00	249.39	253.83	258.30	262.81	267.36	271.95	276.58	281.25
$\frac{1}{4}$	1.33	1.36	1.38	1.41	1.43	1.46	1.48	1.51	1.53	1.56
$\frac{1}{2}$	2.67	2.72	2.77	2.82	2.87	2.92	2.97	3.02	3.07	3.12
$\frac{3}{4}$	4.00	4.08	4.15	4.23	4.30	4.38	4.45	4.53	4.60	4.69

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$30\frac{1}{4}$	$30\frac{1}{2}$	$30\frac{3}{4}$	31.	$31\frac{1}{4}$	$31\frac{1}{2}$	$31\frac{3}{4}$	32.	$32\frac{1}{4}$	$32\frac{1}{2}$
1	6.35	6.46	6.56	6.67	6.78	6.89	7.00	7.11	7.22	7.33
2	12.71	12.92	13.13	13.35	13.56	13.78	14.00	14.22	14.44	14.67
3	19.06	19.37	19.70	20.02	20.34	20.67	21.00	21.33	21.67	22.00
4	25.42	25.83	26.26	26.69	27.12	27.56	28.00	28.44	28.89	29.34
5	31.77	32.29	32.83	33.37	33.90	34.45	35.00	35.55	36.11	36.67
6	38.13	38.75	39.40	40.04	40.69	41.34	42.00	42.66	43.33	44.01
7	44.48	45.21	45.96	46.71	47.47	48.23	49.00	49.77	50.56	51.34
8	50.83	51.67	52.53	53.39	54.25	55.12	56.00	56.89	57.78	58.68
9	57.19	58.12	59.10	60.06	61.03	62.01	63.00	64.00	65.00	66.01
10	63.54	64.58	65.66	66.73	67.82	68.90	70.00	71.11	72.22	73.35
11	69.90	71.04	72.23	73.41	74.60	75.79	77.00	78.22	79.45	80.68
12	76.25	77.50	78.79	80.08	81.38	82.69	84.00	85.33	86.67	88.02
13	82.61	83.96	85.36	86.75	88.16	89.58	91.00	92.44	93.89	95.35
14	88.96	90.42	91.93	93.43	94.94	96.47	98.00	99.55	101.11	102.69
15	95.32	96.88	98.50	100.10	101.72	103.36	105.00	106.66	108.34	110.02
16	101.67	103.33	105.06	106.78	108.51	110.25	112.00	113.78	115.56	117.36
17	108.03	109.79	111.63	113.45	115.29	117.14	119.00	120.89	122.78	124.69
18	114.38	116.25	118.19	120.12	122.07	124.03	126.01	128.00	130.00	132.03
19	120.74	122.71	124.76	126.80	128.85	130.92	133.01	135.11	137.23	139.36
20	127.09	129.17	131.33	133.47	135.63	137.81	140.01	142.22	144.45	146.70
21	133.44	135.63	137.89	140.14	142.41	144.70	147.01	149.33	151.67	154.03
22	139.80	142.09	144.46	146.82	149.20	151.59	154.01	156.44	158.90	161.37
23	146.15	148.54	151.03	153.49	155.98	158.48	161.01	163.55	166.12	168.70
24	152.51	155.00	157.59	160.16	162.76	165.37	168.01	170.66	173.34	176.04
25	158.86	161.46	164.16	166.84	169.54	172.26	175.01	177.78	180.56	183.37
26	165.22	167.92	170.72	173.51	176.32	179.15	182.01	184.89	187.79	190.71
27	171.57	174.38	177.29	180.19	183.10	186.04	189.01	192.00	195.01	198.04
28	177.93	180.84	183.86	186.86	189.89	192.93	196.01	199.11	202.23	205.38
29	184.28	187.29	190.42	193.53	196.67	199.83	203.01	206.22	209.45	212.71
30	190.64	193.75	196.99	200.21	203.45	206.72	210.01	213.33	216.68	220.05
31	196.99	200.21	203.56	206.88	210.23	213.61	217.01	220.44	223.90	227.38
32	203.35	206.67	210.12	213.55	217.01	220.50	224.01	227.55	231.12	234.72
33	209.70	213.13	216.69	220.23	223.79	227.39	231.01	234.66	238.34	242.05
34	216.05	219.59	223.26	226.90	230.58	234.28	238.01	241.78	245.57	249.39
35	222.41	226.05	229.82	233.57	237.36	241.17	245.01	248.89	252.79	256.72
36	228.76	232.50	236.39	240.25	244.14	248.06	252.01	256.00	260.01	264.06
37	235.12	238.96	242.95	246.92	250.92	254.95	259.01	263.11	267.23	271.37
38	241.47	245.42	249.52	253.59	257.70	261.84	266.01	270.22	274.46	278.73
39	247.83	251.88	256.09	260.27	264.48	268.73	273.01	277.33	281.68	286.06
40	254.18	258.34	262.65	266.94	271.27	275.62	280.01	284.44	288.90	293.40
41	260.54	264.80	269.22	273.62	278.05	282.51	287.01	291.55	296.12	300.73
42	266.89	271.26	275.79	280.29	284.83	289.40	294.01	298.66	303.35	308.07
43	273.25	277.71	282.35	286.96	291.61	296.29	301.02	305.78	310.57	315.40
44	279.60	284.17	288.92	293.64	298.39	303.18	308.02	312.89	317.79	322.74
45	285.96	290.63	295.49	300.31	305.17	310.08	315.02	320.00	325.02	330.07
$\frac{1}{4}$	1.59	1.62	1.64	1.66	1.70	1.72	1.75	1.78	1.80	1.83
$\frac{1}{2}$	3.17	3.23	3.28	3.33	3.39	3.44	3.50	3.55	3.61	3.66
$\frac{3}{4}$	4.76	4.85	4.92	5.00	5.09	5.17	5.25	5.33	5.42	5.50

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$32\frac{3}{4}$	33.	$33\frac{1}{4}$	$33\frac{1}{2}$	$33\frac{3}{4}$	34.	$34\frac{1}{4}$	$34\frac{1}{2}$	$34\frac{3}{4}$	35.
1	7.44	7.56	7.68	7.79	7.91	8.03	8.14	8.26	8.38	8.50
2	14.89	15.12	15.35	15.58	15.82	16.05	16.29	16.53	16.77	17.01
3	22.34	22.69	23.03	23.38	23.73	24.08	24.44	24.79	25.16	25.52
4	29.79	30.25	30.71	31.17	31.64	32.11	32.58	33.06	33.54	34.03
5	37.24	37.81	38.39	38.97	39.55	40.14	40.73	41.33	41.93	42.53
6	44.69	45.37	46.06	46.76	47.46	48.16	48.88	49.59	50.31	51.04
7	52.14	52.94	53.74	54.55	55.37	56.19	57.02	57.86	58.78	59.54
8	59.58	60.50	61.42	62.35	63.28	64.22	65.17	66.12	67.08	68.05
9	67.03	68.06	69.10	70.14	71.19	72.25	73.31	74.39	75.47	76.56
10	74.48	75.62	76.77	77.93	79.10	80.28	81.46	82.65	83.86	85.07
11	81.93	83.19	84.45	85.73	87.01	88.30	89.61	90.92	92.24	93.57
12	89.38	90.75	92.13	93.53	94.92	96.93	97.75	99.19	100.63	102.08
13	96.83	98.31	99.81	101.31	102.83	104.36	105.90	107.45	109.01	110.59
14	104.27	105.87	107.48	109.11	110.74	112.39	114.05	115.72	117.46	119.09
15	111.72	113.44	115.16	116.90	118.65	120.42	122.19	123.98	125.79	127.60
16	119.17	121.00	122.84	124.69	126.56	128.44	130.34	132.25	134.17	136.11
17	126.62	128.56	130.52	132.49	134.47	136.47	138.48	140.51	142.56	144.62
18	134.07	136.12	138.19	140.28	142.38	144.50	146.63	148.78	150.94	153.12
19	141.52	143.69	145.87	148.07	150.29	152.53	154.78	157.04	159.33	161.63
20	148.96	151.25	153.55	155.87	158.20	160.55	162.92	165.31	167.71	170.14
21	156.41	158.81	161.23	163.66	166.11	168.58	171.07	173.58	176.10	178.64
22	163.86	166.37	168.90	171.45	174.02	176.61	179.22	181.84	184.49	187.15
23	171.31	173.94	176.58	179.25	182.93	184.64	187.36	190.11	192.87	195.66
24	178.76	181.50	184.26	187.04	189.84	192.67	195.51	198.37	201.26	204.16
25	186.21	189.06	191.94	194.83	197.75	200.69	203.66	206.64	209.64	212.67
26	193.65	196.62	199.61	202.63	205.66	208.72	211.80	214.90	218.03	221.18
27	201.10	204.19	207.29	210.42	213.57	216.75	220.95	223.17	226.41	229.68
28	208.55	211.75	214.97	218.21	221.48	224.78	228.09	231.43	234.80	238.19
29	216.00	219.31	222.65	226.01	229.39	232.80	236.24	239.70	243.19	246.70
30	223.45	226.87	230.32	233.80	237.30	240.83	244.39	247.97	251.57	255.21
31	230.90	234.44	238.00	241.59	245.21	248.86	252.53	256.23	259.96	263.71
32	238.34	242.00	245.68	249.39	253.12	256.89	260.68	264.50	268.34	272.22
33	245.79	249.56	253.36	257.18	261.03	264.92	268.82	272.76	276.73	280.73
34	253.24	257.12	261.03	264.97	268.94	272.94	276.97	281.03	285.12	289.23
35	260.69	264.69	268.71	272.77	276.85	280.97	285.12	289.29	293.50	297.74
36	268.14	272.75	276.39	280.56	284.76	289.00	293.26	297.56	301.89	306.25
37	275.59	279.81	284.07	288.35	292.67	297.03	301.41	305.83	310.27	314.75
38	283.04	287.37	291.74	296.15	300.58	305.05	309.56	314.09	318.66	323.26
39	290.48	294.94	299.42	303.94	308.49	313.08	317.70	322.35	327.04	331.77
40	297.93	302.50	307.10	311.73	316.40	321.11	325.85	330.62	335.43	340.27
41	305.38	310.06	314.78	319.53	324.31	329.14	334.00	338.89	343.82	348.78
42	312.83	317.62	322.45	327.32	332.22	337.17	342.14	347.15	352.20	357.29
43	320.27	325.19	330.13	335.11	340.13	345.19	350.29	355.42	360.59	365.79
44	327.72	332.75	337.81	342.91	348.04	353.22	358.44	363.68	368.97	374.30
45	335.17	340.31	345.49	350.70	355.95	361.25	366.58	371.95	377.36	382.81
$\frac{1}{4}$	1.86	1.89	1.92	1.95	1.98	2.01	2.03	2.06	2.09	2.10
$\frac{1}{2}$	3.72	3.78	3.84	3.89	3.95	4.01	4.07	4.13	4.19	4.25
$\frac{3}{4}$	5.58	5.67	5.76	5.84	5.93	6.02	6.10	6.19	6.28	6.35

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$35\frac{1}{4}$	$35\frac{1}{2}$	$35\frac{3}{4}$	36.	$36\frac{1}{4}$	$36\frac{1}{2}$	$36\frac{3}{4}$	37.	$37\frac{1}{4}$	$37\frac{1}{2}$
1	8.63	8.75	8.87	9.	9.12	9.25	9.38	9.50	9.63	9.76
2	17.26	17.50	17.75	18.	18.25	18.50	18.76	19.01	19.27	19.53
3	25.88	26.25	26.62	27.	27.37	27.75	28.13	28.52	28.91	29.29
4	34.51	35.00	35.50	36.	36.50	37.00	37.51	38.03	38.54	39.06
5	43.14	43.76	44.38	45.	45.63	46.26	46.89	47.53	48.17	48.83
6	51.77	52.51	53.25	54.	54.75	55.51	56.27	57.04	57.81	58.59
7	60.40	61.26	62.13	63.	63.88	64.76	65.65	66.55	67.45	68.30
8	69.03	70.01	71.00	72.	73.00	74.01	75.03	76.05	77.08	78.12
9	77.66	78.76	79.88	81.	82.13	83.26	84.41	85.56	86.72	87.89
10	86.29	87.52	88.75	90.	91.25	92.52	93.79	95.07	96.36	97.65
11	94.92	96.27	97.63	99.	100.38	101.77	103.17	104.57	105.99	107.42
12	103.54	105.02	106.50	108.	109.50	111.02	112.54	114.08	115.63	117.19
13	112.17	113.77	115.38	117.	118.63	120.27	121.92	123.59	125.26	126.95
14	120.80	122.52	124.25	126.	127.75	129.52	131.30	133.09	134.90	136.72
15	129.43	131.27	133.13	135.	136.88	138.77	140.68	142.60	144.54	146.48
16	138.06	140.03	142.00	144.	146.00	148.03	150.06	152.11	154.17	156.25
17	146.69	148.78	150.88	153.	155.13	157.28	159.54	161.62	163.81	166.01
18	155.32	157.53	159.76	162.	164.26	166.53	168.82	171.12	173.44	175.78
19	163.95	166.28	168.63	171.	173.38	175.78	178.20	180.63	183.08	185.54
20	172.58	175.03	177.51	180.	182.51	185.03	187.58	190.14	192.71	195.31
21	181.20	183.78	186.38	189.	191.63	194.28	196.95	199.64	202.35	205.08
22	189.83	192.54	195.26	198.	200.76	203.54	206.33	209.15	211.99	214.84
23	198.46	201.29	204.13	207.	209.88	212.79	215.71	218.66	221.62	224.61
24	207.09	210.04	213.00	216.	219.01	222.04	225.01	228.16	231.26	234.37
25	215.72	218.79	221.88	225.	228.13	231.29	234.47	237.67	240.89	244.14
26	224.35	227.54	230.76	234.	237.26	240.54	243.85	247.18	250.53	253.90
27	232.98	236.29	239.63	243.	246.38	249.79	253.23	256.68	260.16	263.67
28	241.61	245.05	248.51	252.	255.51	259.05	262.61	266.19	269.80	273.43
29	250.24	253.80	257.38	261.	264.63	268.30	271.99	275.70	279.44	283.20
30	258.87	262.55	266.26	270.	273.76	277.55	281.37	285.21	289.07	292.97
31	267.49	271.30	275.14	279.	282.89	286.80	290.74	294.71	298.71	302.73
32	276.12	280.05	284.01	288.	292.01	296.05	300.12	304.22	308.34	312.50
33	284.75	288.80	292.89	297.	301.14	305.30	309.50	313.73	317.98	322.26
34	293.38	297.56	301.76	306.	310.26	314.56	318.88	323.23	327.62	332.03
35	302.01	306.30	310.64	315.	319.39	323.81	328.26	332.74	337.25	341.79
36	310.64	315.06	319.51	324.	328.51	333.06	337.64	342.25	346.89	351.56
37	319.27	323.81	328.39	333.	337.64	342.01	347.02	351.75	356.52	361.33
38	327.90	332.56	337.26	342.	346.76	351.56	356.40	361.26	366.16	371.09
39	336.53	341.31	346.14	351.	355.89	360.81	365.78	370.77	375.79	380.86
40	345.15	350.07	355.01	360.	365.01	370.07	375.15	380.27	385.43	390.62
41	353.78	358.82	363.89	369.	374.14	379.32	384.53	389.78	395.07	400.39
42	362.41	367.57	372.76	378.	383.26	388.57	393.91	399.29	404.70	410.15
43	371.04	376.32	381.64	387.	392.39	397.82	403.29	408.79	414.34	419.92
44	379.67	385.07	390.52	396.	401.52	407.07	412.67	418.30	423.97	429.68
45	388.30	393.82	399.39	405.	410.64	416.32	422.05	427.81	433.61	439.45
1 2 3 4	2.16 4.31 6.47	2.19 4.38 6.57	2.22 4.43 6.65	2.25 4.50 6.75	2.28 4.56 6.84	2.31 4.62 6.94	2.34 4.69 7.03	2.37 4.75 7.12	2.41 4.81 7.22	2.44 4.88 7.32

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet,	$37\frac{3}{4}$	38.	$38\frac{1}{4}$	$38\frac{1}{2}$	$38\frac{3}{4}$	39.	$39\frac{1}{4}$	$39\frac{1}{2}$	$39\frac{3}{4}$	40.
1	9.89	10.03	10.16	10.29	10.43	10.56	10.69	10.83	10.97	11.11
2	19.79	20.05	20.32	20.58	20.85	21.12	21.39	21.67	21.94	22.22
3	29.69	30.08	30.48	30.88	31.28	31.69	32.09	32.50	32.92	33.33
4	39.58	40.11	40.64	41.17	41.71	42.25	42.79	43.34	43.89	44.44
5	49.48	50.14	50.80	51.47	52.14	52.81	53.49	54.17	54.86	55.55
6	59.38	60.16	60.96	61.76	62.56	63.37	64.19	65.01	65.83	66.66
7	69.27	70.19	71.12	72.05	72.99	73.94	74.89	75.84	76.81	77.77
8	79.17	80.22	81.28	82.35	83.42	84.50	85.58	86.68	87.78	88.89
9	89.07	90.25	91.44	92.64	93.85	95.06	96.28	97.51	98.75	100.00
10	98.96	100.28	101.60	102.93	104.27	105.62	106.98	108.35	109.72	111.11
11	108.86	110.30	111.76	113.23	114.70	116.19	117.68	119.18	120.70	122.22
12	118.75	120.33	121.92	123.52	125.13	126.75	128.38	130.02	131.67	133.33
13	128.65	130.36	132.08	133.81	135.56	137.31	139.08	140.85	142.64	144.44
14	138.55	140.39	142.24	144.11	145.98	147.87	149.77	151.69	153.61	155.55
15	148.44	150.42	152.40	154.40	156.41	158.44	160.47	162.52	164.59	166.66
16	158.34	160.44	162.56	164.69	166.84	169.00	171.17	173.36	175.56	177.77
17	168.24	170.47	172.72	174.99	177.27	179.56	181.87	184.17	186.53	188.89
18	178.13	180.50	182.88	185.28	187.69	190.12	192.57	195.03	197.50	200.00
19	188.03	190.53	193.04	195.57	198.12	200.69	203.27	205.86	208.48	211.11
20	197.93	200.55	203.20	205.87	208.55	211.25	213.96	216.70	219.45	222.22
21	207.82	210.58	213.36	216.16	218.98	221.81	224.66	227.53	230.42	233.33
22	217.72	220.61	223.52	226.45	229.40	232.37	235.36	238.37	241.40	244.44
23	227.61	230.64	233.68	236.75	239.83	242.94	246.06	249.20	252.37	255.55
24	237.51	240.67	243.84	247.04	250.26	253.50	256.76	260.04	263.34	266.66
25	247.41	250.69	254.00	257.33	260.69	264.06	267.46	270.87	274.31	277.77
26	257.30	260.72	264.16	267.63	271.11	274.62	278.15	281.71	285.29	288.89
27	267.20	270.75	274.32	277.92	281.54	285.19	288.85	292.54	296.26	300.00
28	277.10	280.78	284.48	288.21	291.97	295.75	299.55	303.38	307.23	311.11
29	286.99	290.80	294.64	298.51	302.40	306.31	310.25	314.21	318.20	322.22
30	296.89	300.83	304.80	308.80	312.82	316.87	320.95	325.05	329.18	333.33
31	306.79	310.86	314.96	319.09	323.25	327.44	331.65	335.88	340.15	344.44
32	316.68	320.89	325.12	329.39	333.68	338.00	342.34	346.72	351.12	355.55
33	326.58	330.92	335.28	339.68	344.11	348.56	353.04	357.55	362.09	366.66
34	336.48	340.94	345.44	349.97	354.53	359.12	363.74	368.39	373.07	377.77
35	346.37	350.97	355.60	360.27	364.96	369.69	374.44	379.22	384.04	388.89
36	356.27	361.00	365.76	370.56	375.39	380.25	385.14	390.06	395.01	400.00
37	366.18	371.03	375.92	380.85	385.82	390.81	395.84	400.89	405.98	411.11
38	376.06	381.05	386.08	391.15	396.24	401.37	406.53	411.73	416.96	422.22
39	385.96	391.08	396.24	401.44	406.67	411.94	417.23	422.56	427.93	433.33
40	395.85	401.11	406.40	411.73	417.10	422.50	427.93	433.40	438.90	444.44
41	405.75	411.14	416.56	422.03	427.53	433.06	438.63	444.23	449.87	455.55
42	415.65	421.17	426.72	432.32	437.95	443.62	449.33	455.07	460.85	466.66
43	425.54	431.19	436.88	442.61	448.38	454.19	460.02	465.90	471.82	477.77
44	435.44	441.22	447.04	452.91	458.81	464.75	470.72	476.74	482.79	488.89
45	445.34	451.25	457.20	463.20	469.24	475.31	481.42	487.57	493.77	500.00
$\frac{1}{4}$	2.47	2.50	2.54	2.57	2.61	2.64	2.67	2.71	2.74	2.78
$\frac{1}{2}$	4.94	5.01	5.08	5.14	5.22	5.28	5.35	5.41	5.48	5.55
$\frac{3}{4}$	7.42	7.51	7.62	7.72	7.83	7.92	8.02	8.12	8.23	8.33

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$40\frac{1}{4}$	$40\frac{1}{2}$	$40\frac{3}{4}$	41.	$41\frac{1}{4}$	$41\frac{1}{2}$	$41\frac{3}{4}$	42	$42\frac{1}{4}$	$42\frac{1}{2}$
1	11.25	11.39	11.53	11.67	11.81	11.96	12.10	12.25	12.39	12.54
2	22.50	22.78	23.06	23.35	23.63	23.92	24.21	24.50	24.79	25.08
3	33.75	34.17	34.59	35.02	35.45	35.88	36.31	36.75	37.19	37.63
4	45.00	45.56	46.12	46.69	47.26	47.84	48.42	49.00	49.58	50.17
5	56.25	56.95	57.66	58.37	59.08	59.80	60.52	61.25	61.98	62.72
6	67.50	68.34	69.19	70.04	70.90	71.76	72.63	73.50	74.38	75.26
7	78.75	79.73	80.72	81.71	82.71	83.72	84.73	85.75	86.77	87.80
8	90.00	91.12	92.25	93.39	94.53	95.68	96.83	98.00	99.17	100.35
9	101.25	102.51	103.78	105.06	106.35	107.64	108.94	110.25	111.56	112.89
10	112.50	113.90	115.32	116.73	118.16	119.60	121.04	122.50	123.96	125.43
11	123.75	125.29	126.85	128.41	129.98	131.56	133.15	134.75	136.36	137.98
12	135.00	136.69	138.38	140.08	141.79	143.52	145.25	147.00	148.75	150.52
13	146.25	148.08	149.91	151.75	153.61	155.48	157.36	159.25	161.15	163.06
14	157.50	159.47	161.44	163.43	165.43	167.44	169.46	171.50	173.55	175.61
15	168.75	170.86	172.97	175.10	177.24	179.40	181.57	183.75	185.94	188.15
16	180.00	182.25	184.51	186.78	189.06	191.36	193.67	196.00	198.34	200.69
17	191.25	193.64	196.04	198.45	200.87	203.32	205.78	208.25	210.74	213.24
18	202.51	205.03	207.57	210.12	212.69	215.28	217.88	220.50	223.13	225.78
19	213.76	216.42	219.10	221.80	224.51	227.24	229.99	232.75	235.53	238.02
20	225.00	227.81	230.63	233.47	236.33	239.20	242.09	245.00	247.92	250.87
21	236.26	239.20	242.16	245.14	248.14	251.16	254.19	257.25	260.32	263.41
22	247.51	250.59	253.70	256.82	259.96	263.12	266.30	269.50	272.72	275.95
23	258.76	261.98	265.23	268.49	271.78	275.08	278.40	281.75	285.11	288.50
24	270.01	273.37	276.76	280.16	283.59	287.04	290.51	294.00	297.51	301.04
25	281.26	284.76	288.29	291.84	295.41	299.00	302.61	306.25	309.91	313.58
26	292.51	296.15	299.82	303.51	307.22	310.96	314.72	318.50	312.30	326.13
27	303.76	307.54	311.35	315.19	319.04	322.92	326.82	330.75	334.70	338.67
28	315.01	318.93	322.89	326.86	330.86	334.88	338.93	343.00	347.09	351.21
29	326.26	330.33	334.42	338.53	342.67	346.84	351.03	355.25	359.49	363.76
30	337.51	341.72	345.95	350.21	354.49	358.80	363.14	367.50	371.49	376.30
31	348.76	353.11	357.48	361.88	366.31	370.76	375.24	379.75	384.28	388.84
32	360.01	364.50	369.01	373.55	378.12	382.72	387.35	392.00	396.68	401.39
33	371.26	375.89	380.54	385.23	389.94	394.68	399.45	404.25	409.08	413.93
34	382.51	387.28	392.07	396.90	401.76	406.64	411.55	416.50	421.47	426.47
35	393.76	398.67	403.61	408.57	413.57	418.60	423.66	428.75	433.87	439.02
36	405.01	410.06	415.14	420.25	425.39	430.56	435.76	441.00	446.26	451.56
37	416.26	421.45	426.67	431.92	437.20	442.52	447.87	453.25	458.66	464.10
38	427.51	432.84	438.20	443.59	449.02	454.48	459.97	465.50	471.06	476.65
39	438.76	444.23	449.73	455.27	460.84	466.44	472.08	477.75	483.45	489.19
40	450.01	455.62	461.27	466.94	472.65	478.40	484.18	490.00	495.85	501.73
41	461.26	467.01	472.80	478.62	484.47	490.36	496.29	502.25	508.25	514.28
42	472.51	478.40	484.33	490.29	496.29	502.32	508.39	514.50	520.64	526.82
43	483.77	489.80	495.86	501.96	508.09	514.28	520.50	526.75	533.04	539.36
44	495.02	501.18	507.39	513.64	519.91	526.24	532.60	539.00	545.44	551.91
45	506.27	512.58	518.92	525.31	531.73	538.20	544.71	551.25	557.83	564.45
$\frac{1}{4}$	2.81	2.85	2.88	2.92	2.95	2.99	3.02	3.06	3.10	3.13
$\frac{1}{2}$	5.63	5.69	5.76	5.83	5.90	5.98	6.05	6.12	6.19	6.27
$\frac{3}{4}$	8.44	8.54	8.65	8.75	8.86	8.97	9.07	9.19	9.29	9.40

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	42. $\frac{3}{4}$	43	43. $\frac{1}{4}$	43. $\frac{1}{2}$	43. $\frac{3}{4}$	44	44. $\frac{1}{4}$	44. $\frac{1}{2}$	44. $\frac{3}{4}$	45
1	12.69	12.84	12.99	13.14	13.29	13.44	13.60	13.75	13.90	14.06
2	25.38	25.68	25.98	26.28	26.58	26.89	27.19	27.50	27.81	28.12
3	38.07	38.52	38.97	39.42	39.87	40.33	40.79	41.25	41.72	42.19
4	50.76	51.36	51.96	52.56	53.17	53.78	54.39	55.00	55.62	56.25
5	63.46	64.20	64.95	65.70	66.46	67.22	67.99	68.76	69.53	70.31
6	76.15	77.04	77.94	78.84	79.75	80.66	81.58	82.51	83.44	84.37
7	88.84	89.88	90.93	91.98	93.04	94.11	95.18	96.26	97.34	98.44
8	101.53	102.72	103.92	105.12	106.33	107.55	108.78	110.01	111.25	112.50
9	114.22	115.56	116.91	118.26	119.63	121.00	122.38	123.76	125.16	126.56
10	126.91	128.40	129.90	131.40	132.92	134.44	135.98	137.52	139.07	140.62
11	139.60	141.24	142.89	144.54	146.21	147.89	149.57	151.27	152.97	154.69
12	152.29	154.08	155.88	157.69	159.50	161.33	163.17	165.02	166.88	168.75
13	164.99	166.92	168.87	170.83	172.80	174.78	176.77	178.77	180.79	182.81
14	177.68	179.76	181.86	183.97	186.09	188.22	190.38	192.52	194.69	196.87
15	190.37	192.60	194.85	197.11	199.38	201.66	203.96	206.27	208.60	210.94
16	203.06	205.44	207.84	210.25	212.67	215.11	217.56	220.03	222.51	225.00
17	215.75	218.28	220.83	223.39	225.96	228.55	231.16	233.78	236.41	239.06
18	228.44	231.12	233.82	236.53	239.25	242.00	244.76	247.53	250.32	253.12
19	241.13	243.96	246.81	249.67	252.55	255.44	258.35	261.28	264.23	267.19
20	253.83	256.80	259.80	262.81	265.84	268.89	271.95	275.03	278.13	281.25
21	266.52	269.64	272.79	275.95	279.13	282.33	285.55	288.78	292.04	295.31
22	279.21	282.48	285.78	289.09	292.42	295.77	299.15	302.54	305.95	309.37
23	291.90	295.32	298.77	302.23	305.72	309.22	312.75	316.29	319.85	323.44
24	304.59	308.17	311.76	315.37	319.01	322.66	326.34	330.04	333.76	337.50
25	317.28	321.01	324.75	328.51	332.30	336.11	339.94	343.79	347.67	351.56
26	329.97	333.85	337.74	341.65	345.59	349.55	353.54	357.54	361.57	365.62
27	342.67	346.69	350.73	354.79	358.88	363.00	367.14	371.29	375.48	379.69
28	355.36	359.53	363.72	367.93	372.17	376.44	380.73	385.05	389.39	393.75
29	368.05	372.37	376.71	381.08	385.47	389.89	394.33	398.80	403.29	407.81
30	380.74	385.21	389.70	394.22	398.76	403.33	407.93	412.55	417.20	421.87
31	393.43	398.05	402.69	407.35	412.05	416.77	421.53	426.30	431.11	435.94
32	406.12	410.89	415.68	420.50	425.34	430.22	435.12	440.05	445.01	450.00
33	418.81	423.73	428.67	433.64	438.64	443.66	448.72	453.80	458.92	464.06
34	431.51	436.57	441.66	446.78	451.93	457.11	462.32	467.56	472.83	478.12
35	444.20	449.51	454.65	459.92	465.22	470.55	475.92	481.31	486.73	492.19
36	456.89	462.25	467.64	473.06	478.51	484.00	489.52	495.06	500.64	506.25
37	469.58	475.09	480.63	486.20	491.80	497.44	503.11	508.81	514.55	520.31
38	482.27	487.93	493.62	499.34	505.10	510.89	516.71	522.56	528.45	534.37
39	494.96	500.77	506.61	512.48	518.39	524.33	530.31	536.31	542.36	548.44
40	507.65	513.61	519.60	525.62	531.68	537.77	543.91	550.07	556.27	562.50
41	520.35	526.45	532.59	538.76	544.97	551.22	557.50	563.82	570.17	576.56
42	533.04	539.29	545.58	551.90	558.26	564.66	571.10	577.57	584.08	590.62
43	545.73	552.13	558.57	565.04	571.55	578.11	584.70	591.32	597.99	604.69
44	558.42	564.97	571.56	578.18	584.85	591.55	598.30	605.07	611.89	618.75
45	571.11	577.81	584.55	591.33	598.14	605.00	611.89	618.82	625.80	632.81
$\frac{1}{4}$	3.17	3.21	3.25	3.28	3.32	3.36	3.40	3.44	3.47	3.51
$\frac{1}{2}$	6.34	6.42	6.45	6.57	6.64	6.72	6.80	6.88	6.95	7.03
$\frac{3}{4}$	9.52	9.63	9.74	9.85	9.97	10.08	10.20	10.32	10.42	10.54

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$45\frac{1}{4}$	$45\frac{1}{2}$	$45\frac{3}{4}$	46	$46\frac{1}{4}$	$46\frac{1}{2}$	$46\frac{3}{4}$	47	$47\frac{1}{4}$	$47\frac{1}{2}$
1	14.22	14.37	14.53	14.69	14.85	15.01	15.18	15.34	15.50	15.67
2	28.44	28.75	29.06	29.39	29.71	30.03	30.35	30.68	31.00	31.33
3	42.66	43.13	43.59	44.08	44.56	45.04	45.53	46.02	46.51	47.00
4	56.87	57.50	58.12	58.78	59.42	60.06	60.71	61.36	62.04	62.67
5	71.09	71.88	72.65	73.47	74.27	75.08	75.89	76.70	77.52	78.34
6	85.31	86.26	87.17	88.17	89.13	90.09	91.06	92.04	93.02	94.01
7	99.53	100.63	101.70	102.86	103.98	105.11	106.24	107.38	108.53	109.68
8	113.75	115.01	116.23	117.55	118.84	120.12	121.42	122.72	124.03	125.35
9	127.97	129.39	130.76	132.25	133.69	135.14	136.60	138.06	139.53	141.01
10	142.19	147.77	145.29	146.94	148.54	150.15	151.77	153.40	155.04	156.68
11	156.41	158.14	159.82	161.64	163.40	165.17	166.95	168.74	170.54	172.35
12	170.63	172.52	174.35	176.33	178.25	180.19	182.13	184.08	186.04	188.02
13	184.85	186.90	188.88	191.03	193.11	195.20	197.31	199.42	201.55	203.69
14	199.07	201.27	203.41	205.72	207.96	210.22	212.48	214.76	217.05	219.36
15	213.29	215.65	217.94	220.41	222.82	225.23	227.66	230.10	232.56	235.02
16	227.51	230.03	232.47	235.11	237.67	240.25	242.84	245.40	248.06	250.69
17	241.72	244.40	247.00	249.80	252.53	255.26	258.02	260.78	263.56	266.36
18	255.94	258.78	261.53	264.50	267.38	270.28	273.19	276.12	279.07	282.03
19	270.16	273.16	276.06	279.19	282.24	285.29	288.37	291.46	294.57	297.70
20	284.38	287.53	290.59	293.89	297.09	300.31	303.55	306.80	310.08	313.37
21	298.60	301.91	305.12	308.58	311.94	315.33	318.73	322.14	325.58	329.03
22	312.82	316.29	319.64	323.27	326.80	330.34	333.90	337.48	341.08	344.70
23	327.04	330.66	334.17	337.97	341.65	345.36	349.08	352.82	356.59	360.37
24	341.26	345.04	348.70	352.66	356.51	360.37	364.26	368.16	372.09	376.04
25	355.48	359.42	363.23	367.36	371.36	375.39	379.44	383.50	387.60	391.71
26	369.70	373.79	377.76	382.05	386.22	390.40	394.61	398.84	403.10	407.38
27	383.92	388.17	392.29	396.75	401.07	405.42	409.79	414.18	418.60	423.04
28	398.14	402.55	406.82	411.44	415.93	420.43	424.97	429.52	434.12	438.71
29	412.35	416.92	421.35	426.14	430.78	435.45	440.15	444.86	449.61	454.38
30	426.57	431.30	435.88	440.83	445.64	450.47	455.32	460.20	465.12	470.05
31	440.79	445.68	450.41	455.52	460.49	465.48	470.50	475.54	480.62	485.72
32	455.01	460.05	464.94	470.22	475.35	480.50	485.68	490.88	496.12	501.39
33	469.23	474.43	479.47	484.91	490.20	495.51	500.86	506.22	511.63	517.06
34	483.45	488.81	494.00	499.61	505.05	510.53	516.03	521.56	527.13	532.72
35	497.67	503.18	508.53	514.30	519.91	525.54	531.21	536.91	542.63	548.39
36	511.89	517.56	523.06	529.00	534.76	540.56	546.39	552.25	558.14	564.06
37	526.11	531.94	537.59	543.69	549.62	555.58	561.57	567.59	573.64	579.73
38	540.33	546.31	552.12	558.39	564.47	570.59	576.74	582.93	589.15	595.40
39	554.55	560.69	566.64	573.08	579.33	585.61	591.92	598.27	604.65	611.07
40	568.77	575.07	581.17	587.77	594.18	600.62	607.10	613.61	620.15	626.73
41	582.99	599.44	595.70	602.47	609.04	615.64	622.28	628.95	635.66	642.40
42	597.20	603.82	610.23	617.16	623.89	630.65	637.45	644.29	651.10	658.07
43	611.42	618.20	624.76	631.86	638.75	645.67	652.63	659.63	666.67	673.74
44	625.64	632.57	639.29	646.55	653.60	660.68	667.81	674.97	682.10	689.41
45	639.86	646.95	653.82	661.25	668.46	675.70	682.99	690.31	697.67	705.09
$\frac{1}{4}$	3.55	3.59	3.63	3.67	3.71	3.75	3.79	3.83	3.87	3.92
$\frac{1}{2}$	7.11	7.18	7.26	7.35	7.42	7.50	7.58	7.67	7.74	7.83
$\frac{3}{4}$	10.66	10.77	10.90	11.02	11.13	11.26	11.31	11.50	11.61	11.75

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	47. $\frac{3}{4}$	48	48. $\frac{1}{4}$	48. $\frac{1}{2}$	48. $\frac{3}{4}$	49	49. $\frac{1}{4}$	49. $\frac{1}{2}$	49. $\frac{3}{4}$	50
1	15.83	16.	16.17	16.33	16.50	16.67	16.84	17.01	17.19	17.36
2	31.67	32.	32.33	32.67	33.00	33.35	33.69	34.03	34.37	34.72
3	47.50	48.	48.50	49.00	49.51	50.02	50.53	51.04	51.56	52.08
4	63.33	64.	64.67	65.34	66.01	66.69	67.37	68.06	68.75	69.44
5	79.17	80.	80.83	81.67	82.52	83.37	84.22	85.08	85.94	86.80
6	95.00	96.	97.00	98.01	99.02	100.04	101.06	102.09	103.13	104.16
7	110.83	112.	113.17	114.34	115.53	116.71	117.91	119.11	120.31	121.53
8	126.67	128.	129.33	130.68	132.03	133.39	134.75	136.12	137.50	138.89
9	142.50	144.	145.50	147.01	148.53	150.06	151.60	153.14	154.69	156.25
10	158.34	160.	161.67	163.35	165.04	166.73	168.44	170.15	171.88	173.61
11	174.17	176.	177.84	179.68	181.54	183.41	185.28	187.17	189.06	190.97
12	190.00	192.	194.00	196.02	198.04	200.08	202.13	204.19	206.25	208.33
13	205.84	208.	210.17	212.35	214.55	216.75	218.97	221.20	223.44	225.69
14	221.67	224.	226.34	228.69	231.05	233.43	235.82	238.22	240.63	243.05
15	237.51	240.	242.50	245.02	247.56	250.10	252.66	255.23	257.82	260.41
16	253.34	256.	258.67	261.36	264.06	266.78	269.51	272.25	275.00	277.78
17	269.17	272.	274.84	277.69	280.56	283.45	286.35	289.26	292.19	295.14
18	285.01	288.	291.01	294.03	297.07	300.12	303.19	306.28	309.38	312.50
19	300.84	304.	307.17	310.36	313.57	316.80	320.04	323.29	326.57	329.86
20	316.67	320.	323.34	326.70	330.08	333.47	336.88	340.31	343.76	347.22
21	332.51	336.	339.51	343.03	346.58	350.14	353.73	357.33	360.74	364.58
22	348.34	352.	355.67	359.37	363.08	366.82	370.57	374.34	378.13	381.94
23	364.18	368.	371.84	375.70	379.59	383.49	387.41	391.36	395.32	399.30
24	380.01	384.	388.01	392.04	396.09	400.16	404.26	408.37	412.51	416.66
25	395.84	400.	404.18	408.37	412.60	416.84	421.10	425.39	429.70	434.03
26	411.68	416.	420.34	424.71	429.10	433.51	437.95	442.40	446.88	451.39
27	427.51	432.	436.51	441.04	445.60	450.19	454.79	459.42	464.07	468.75
28	443.34	448.	452.68	457.38	462.11	466.86	471.64	476.43	481.26	486.11
29	459.18	464.	468.84	473.71	478.61	483.53	488.48	493.45	498.45	503.47
30	475.01	480.	485.01	490.05	495.12	500.21	505.32	510.47	515.64	520.83
31	490.85	496.	501.18	506.38	511.62	516.88	522.17	527.48	532.82	538.19
32	506.68	512.	517.35	522.72	528.12	533.55	539.01	544.50	550.01	555.55
33	522.51	528.	533.51	539.05	544.63	550.23	555.86	561.51	567.20	572.91
34	538.35	544.	549.68	555.39	561.13	566.90	572.70	578.53	584.39	590.28
35	554.18	560.	565.85	571.72	577.63	583.57	589.55	595.54	601.57	607.64
36	570.01	576.	582.01	588.06	594.14	600.25	606.39	612.56	618.76	625.00
37	585.85	592.	598.18	604.39	610.64	616.92	623.23	629.58	635.95	642.36
38	601.68	608.	614.35	620.73	627.15	633.59	640.08	646.59	653.14	659.72
39	617.52	624.	630.51	637.06	643.65	650.27	656.92	663.61	670.34	677.08
40	633.35	640.	646.68	653.40	660.15	666.94	673.77	680.62	687.52	694.44
41	649.18	656.	662.85	669.73	676.66	683.62	690.61	697.64	704.70	711.80
42	665.02	672.	679.02	686.07	693.16	700.29	707.45	714.65	721.89	729.16
43	680.85	688.	695.18	702.40	709.67	716.96	724.30	731.67	739.08	746.53
44	696.69	704.	711.35	718.74	726.17	733.64	741.14	748.68	756.27	763.89
45	712.52	720.	727.52	735.07	742.67	750.31	757.99	765.70	773.45	781.25
$\frac{1}{4}$	3.96	4.	4.04	4.08	4.12	4.17	4.21	4.25	4.30	4.34
$\frac{1}{2}$	7.91	8.	8.08	8.16	8.25	8.33	8.42	8.50	8.59	8.68
$\frac{3}{4}$	11.87	12.	12.13	12.25	12.37	12.50	12.63	12.76	12.89	13.02

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	50. $\frac{1}{4}$	50. $\frac{1}{2}$	50. $\frac{3}{4}$	51	51. $\frac{1}{4}$	51. $\frac{1}{2}$	51. $\frac{3}{4}$	52	52. $\frac{1}{4}$	52. $\frac{1}{2}$
1	17.53	17.71	17.88	18.06	18.24	18.42	18.60	18.78	18.96	19.14
2	35.07	35.42	35.77	36.12	36.48	36.83	37.19	37.55	37.92	38.28
3	52.60	53.13	53.66	54.19	54.72	55.25	55.79	56.33	56.87	57.42
4	70.14	70.84	71.54	72.25	72.96	73.67	74.39	75.11	75.83	76.56
5	87.67	88.55	89.43	90.31	91.20	92.09	92.93	93.89	94.79	95.70
6	105.21	106.26	107.31	108.37	109.44	110.51	111.58	112.66	113.75	114.84
7	122.74	123.97	125.20	126.44	127.68	128.93	130.18	131.44	132.71	133.98
8	140.28	141.68	143.08	144.50	145.92	147.35	148.78	150.22	151.67	153.12
9	157.81	159.39	160.97	162.56	164.16	165.76	167.38	169.00	170.63	172.26
10	175.35	177.10	178.86	180.62	182.40	184.18	185.97	187.78	189.59	191.40
11	192.88	194.81	196.74	198.69	200.64	202.60	204.57	206.55	208.54	210.54
12	210.42	212.52	214.63	216.75	218.88	221.02	223.17	225.33	227.50	229.69
13	227.95	230.23	232.51	234.81	237.12	239.44	241.77	244.11	246.46	248.83
14	245.49	247.94	250.40	252.87	255.36	257.86	260.36	262.89	265.42	267.97
15	263.02	265.65	268.29	270.94	273.60	276.27	278.96	281.66	284.38	287.11
16	280.56	283.36	286.17	289.00	291.84	294.69	297.56	300.44	303.34	306.25
17	298.07	301.07	304.06	307.06	310.08	313.11	316.16	319.22	322.30	325.39
18	315.63	318.78	321.94	325.12	328.82	331.53	334.75	338.00	341.26	344.53
19	333.17	336.49	339.83	343.19	346.56	349.95	353.35	356.77	360.22	363.67
20	350.70	354.20	357.71	361.25	364.80	368.37	371.95	375.55	379.17	382.81
21	368.24	371.91	375.60	379.31	383.04	386.78	390.55	394.34	398.13	401.95
22	385.77	389.62	393.49	397.37	401.28	405.20	409.15	413.11	417.09	421.09
23	403.31	407.33	411.37	415.44	419.52	423.62	427.74	431.89	436.05	440.23
24	420.84	425.04	429.26	433.50	437.76	442.04	446.34	450.66	455.01	459.37
25	438.38	442.75	447.14	451.56	456.00	460.46	464.94	469.44	473.97	478.51
26	455.91	460.46	465.03	469.62	474.24	478.88	483.54	488.22	492.93	497.65
27	473.45	478.17	482.91	487.69	492.48	497.29	502.13	507.00	511.89	516.79
28	490.98	495.88	500.80	505.75	510.72	515.71	520.73	525.77	530.84	535.93
29	508.52	513.59	518.69	523.81	528.96	534.13	539.33	544.55	549.80	555.08
30	526.05	531.30	536.57	541.87	547.20	552.55	557.93	563.33	568.76	574.22
31	543.59	549.01	554.46	559.94	565.44	570.97	576.52	582.11	587.72	593.36
32	561.12	566.72	572.34	578.00	583.68	589.39	595.12	600.88	606.68	612.50
33	578.66	584.43	590.23	596.06	601.92	607.81	613.72	619.66	625.64	631.64
34	596.19	602.14	608.12	614.12	620.16	626.22	632.32	638.44	644.60	650.78
35	613.73	619.85	626.00	632.19	638.40	644.64	650.91	657.22	663.56	669.92
36	631.26	637.56	643.89	650.25	656.64	663.06	669.51	676.00	682.52	689.06
37	648.80	655.27	661.77	668.31	674.88	681.48	688.11	694.77	701.47	708.20
38	666.33	672.98	679.66	686.37	693.12	699.90	706.71	713.55	720.43	727.34
39	683.87	690.69	697.54	704.44	711.36	718.32	725.30	732.33	739.39	746.48
40	701.40	708.40	715.43	722.50	729.60	736.73	743.90	751.11	758.35	765.62
41	718.94	726.11	733.32	740.56	747.84	755.15	762.50	769.88	777.31	784.76
42	736.47	743.82	751.20	758.62	766.08	773.57	780.10	788.66	796.27	803.90
43	754.01	761.53	769.08	776.88	784.32	791.99	798.69	807.44	815.23	823.04
44	771.54	779.24	786.97	794.75	802.56	810.41	817.29	826.22	834.19	842.18
45	789.08	796.95	804.86	812.81	820.80	828.83	836.89	845.00	853.14	861.33
$\frac{1}{4}$ Inch	4.38	4.49	4.44	4.51	4.56	4.60	4.65	4.69	4.74	4.79
$\frac{1}{2}$ Inch	8.76	8.86	8.94	9.03	9.12	9.21	9.30	9.39	9.48	9.57
$\frac{3}{4}$ Inch	13.15	13.28	13.39	13.54	13.68	13.81	13.95	14.08	14.21	14.36

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$52\frac{3}{4}$	53	$53\frac{1}{4}$	$53\frac{1}{2}$	$53\frac{3}{4}$	54	$54\frac{1}{4}$	$54\frac{1}{2}$	$54\frac{3}{4}$	55
1	19.32	19.51	19.69	19.87	20.06	20.25	20.43	20.62	20.81	21.00
2	38.64	39.01	39.38	39.75	40.12	40.51	40.86	41.25	41.63	42.01
3	57.97	58.52	59.07	59.63	60.19	60.75	61.29	61.88	62.45	63.02
4	77.29	78.03	78.76	79.50	80.25	81.00	81.72	82.51	83.26	84.03
5	96.61	97.53	98.46	99.38	100.31	101.25	102.16	103.13	104.08	105.03
6	115.94	117.04	118.15	119.26	120.38	121.50	122.59	123.76	124.90	126.04
7	135.26	136.55	137.84	139.13	140.44	141.75	143.02	144.39	145.71	147.05
8	154.58	156.05	157.53	159.01	160.50	162.00	163.45	165.01	166.53	168.05
9	173.91	175.56	177.22	178.89	180.56	182.25	183.88	185.64	187.35	189.06
10	193.23	195.07	196.91	198.77	200.63	202.50	204.31	206.27	208.16	210.07
11	212.55	214.57	216.60	218.64	220.69	222.75	224.74	226.89	228.98	231.07
12	231.88	234.08	236.29	238.52	240.75	243.00	245.18	247.52	249.79	252.08
13	251.20	253.59	255.99	258.40	260.82	263.25	265.61	268.15	270.61	273.09
14	270.52	273.09	275.68	278.27	280.88	283.50	286.04	288.77	291.43	294.09
15	289.85	292.60	295.37	298.15	300.94	303.75	306.47	309.40	312.24	315.10
16	309.17	312.11	315.06	318.03	321.00	324.00	326.90	330.03	333.06	336.11
17	328.50	331.62	334.75	337.90	341.07	344.25	347.38	350.65	353.88	357.12
18	347.82	351.12	354.44	357.78	361.13	364.50	367.77	371.28	374.69	378.12
19	367.14	370.63	374.13	377.66	381.19	384.75	388.28	391.91	395.51	399.13
20	386.46	390.14	393.83	397.53	401.26	405.00	408.63	412.53	416.33	420.14
21	405.79	409.64	413.52	417.41	421.32	425.25	429.06	433.16	437.14	441.14
22	425.11	429.15	433.21	437.29	441.38	445.50	449.49	453.79	457.96	462.15
23	444.43	448.66	452.90	457.16	461.44	465.75	469.92	474.41	478.78	483.16
24	463.76	468.16	472.29	477.04	481.51	486.00	490.35	495.04	499.59	504.16
25	483.08	487.67	492.28	496.92	501.57	506.25	510.79	515.67	520.41	525.17
26	502.40	507.18	511.97	516.79	521.63	526.50	531.22	536.29	541.22	546.18
27	521.73	526.68	531.67	536.67	541.70	546.75	551.65	556.92	562.04	567.18
28	541.05	546.19	551.36	556.55	561.76	567.00	572.08	577.55	582.86	588.19
29	560.37	565.70	571.05	576.42	581.82	587.25	592.51	598.17	603.67	609.20
30	579.70	585.21	590.74	596.30	601.89	607.50	612.94	618.80	624.49	630.21
31	599.02	604.71	610.43	616.18	621.95	627.75	633.37	639.43	645.31	651.21
32	618.34	624.22	630.12	636.05	642.01	648.00	653.81	660.05	666.12	672.22
33	637.67	643.73	649.81	655.93	662.07	668.25	674.24	680.68	686.94	693.23
34	656.99	663.23	669.51	675.81	682.14	688.50	694.67	701.31	707.76	714.23
35	676.31	682.74	689.20	695.68	702.20	708.75	715.10	721.93	728.57	735.24
36	695.64	702.25	708.89	715.56	722.26	729.00	735.53	742.56	749.39	756.25
37	714.96	721.75	728.58	735.44	742.33	749.25	755.96	763.19	770.21	777.25
38	734.28	741.26	748.27	755.31	762.39	769.50	776.40	783.81	791.02	798.26
39	753.61	760.77	767.96	775.19	782.45	789.75	796.83	804.44	811.84	819.27
40	772.93	780.27	787.65	795.07	802.51	810.00	817.26	825.07	832.65	840.27
41	792.25	799.78	807.35	814.94	822.58	830.25	837.69	845.69	853.47	861.28
42	811.58	819.29	827.04	834.82	842.64	850.50	858.12	866.32	874.29	882.29
43	830.90	838.80	846.73	854.70	862.70	870.75	878.55	886.95	895.10	903.29
44	850.22	858.30	866.42	874.57	882.77	891.00	898.98	907.57	915.92	924.30
45	869.55	877.81	886.11	894.45	902.83	911.25	919.42	928.20	936.74	945.31
$\frac{1}{4}$	4.83	4.87	4.92	4.97	5.01	5.06	5.11	5.15	5.20	5.25
$\frac{1}{2}$	9.66	9.75	9.84	9.93	10.03	10.12	10.22	10.31	10.40	10.50
$\frac{3}{4}$	14.49	14.62	14.77	14.90	15.04	15.19	15.32	15.46	15.61	15.75

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$55\frac{1}{4}$	$55\frac{1}{2}$	$55\frac{3}{4}$	56	$56\frac{1}{4}$	$56\frac{1}{2}$	$56\frac{3}{4}$	57	$57\frac{1}{4}$
1	21.20	21.30	21.58	21.78	21.97	22.17	22.36	22.56	22.76
2	42.39	42.78	43.17	43.55	43.94	44.34	44.73	45.12	45.52
3	63.59	64.17	64.75	65.39	65.92	66.50	67.09	67.69	68.28
4	84.79	85.55	86.33	87.11	87.89	88.67	89.46	90.25	91.04
5	105.99	106.95	107.92	108.89	109.86	110.84	111.82	112.81	113.80
6	127.19	128.34	129.50	130.66	131.83	133.01	134.19	135.37	136.56
7	148.39	149.73	151.08	152.44	153.81	155.18	156.55	157.94	159.32
8	169.59	171.12	172.67	174.22	175.78	177.35	178.92	180.50	182.08
9	190.78	192.51	194.25	196.00	197.75	199.51	201.28	203.06	204.85
10	211.98	213.90	215.84	217.78	219.72	221.68	223.65	225.62	227.61
11	233.18	235.29	237.42	239.55	241.70	243.85	246.01	248.19	250.37
12	254.38	256.69	259.00	261.33	263.67	266.02	268.38	270.75	273.13
13	275.58	278.08	280.59	283.11	285.64	288.19	290.74	293.31	295.89
14	296.77	299.47	302.17	304.89	307.61	310.36	313.11	315.87	318.65
15	317.97	320.86	323.76	326.66	329.59	332.53	335.47	338.44	341.41
16	339.17	342.25	345.34	348.44	351.56	354.19	357.84	361.00	364.17
17	360.37	363.64	366.92	370.22	373.53	376.86	380.20	383.56	386.93
18	381.57	385.03	388.51	392.00	395.50	399.03	402.57	406.12	409.69
19	402.77	406.42	410.09	413.77	417.48	421.20	424.93	428.69	432.45
20	423.96	427.81	431.67	435.55	439.45	443.37	447.30	451.25	455.21
21	445.16	449.20	453.26	457.33	461.42	465.54	469.66	473.81	477.98
22	466.36	470.59	474.84	479.11	483.40	487.71	492.03	496.37	500.74
23	487.56	491.98	496.43	500.89	505.37	509.87	514.39	518.94	523.50
24	508.76	513.37	518.01	522.66	527.34	532.04	536.76	541.50	546.26
25	529.96	534.76	539.59	544.44	549.31	554.21	559.12	564.06	569.02
26	551.15	556.15	561.18	566.22	571.29	576.38	581.49	586.62	591.78
27	572.35	577.54	582.76	588.00	593.26	598.55	603.85	609.19	614.54
28	593.55	598.94	604.34	609.77	615.23	620.72	626.22	631.75	637.30
29	614.75	620.33	625.93	631.55	637.20	642.88	648.58	654.31	660.06
30	635.95	641.72	647.51	653.33	659.18	665.05	670.95	676.87	682.82
31	657.15	663.19	669.10	675.11	681.15	687.22	693.31	699.44	705.58
32	678.34	684.50	690.68	696.88	703.12	709.39	715.68	722.00	728.34
33	699.54	705.89	712.26	718.66	725.09	731.56	738.04	774.56	751.10
34	720.74	727.28	733.85	740.24	747.07	753.73	760.41	767.12	773.87
35	741.94	748.67	755.43	762.22	769.04	775.90	782.77	789.69	796.63
36	763.14	770.06	777.01	785.00	791.01	798.06	805.14	812.25	819.39
37	784.34	791.45	798.60	806.77	812.98	820.23	827.50	834.81	842.15
38	805.53	812.84	820.18	828.55	834.96	842.40	849.87	857.37	864.91
39	826.73	834.23	841.77	850.33	856.93	864.57	872.23	879.94	887.67
40	847.93	855.62	863.35	871.11	878.90	886.74	894.60	902.50	910.43
41	869.13	877.01	884.93	892.88	900.87	908.91	916.96	925.06	933.79
42	890.33	898.40	906.52	914.66	922.85	931.08	939.33	947.62	955.95
43	911.53	919.79	928.10	936.44	944.82	953.24	961.69	970.19	978.71
44	932.72	941.18	949.69	958.22	966.79	975.41	984.06	992.75	1001.47
45	953.92	962.58	971.27	980.00	988.77	997.58	1006.42	1015.31	1024.23
$\frac{1}{4}$	5.30	5.35	5.39	5.44	5.49	5.54	5.59	5.64	5.69
$\frac{1}{2}$	10.60	10.69	10.79	10.89	10.98	11.09	11.18	11.28	11.38
$\frac{3}{4}$	15.90	16.04	16.18	16.33	16.48	16.63	16.77	16.92	17.07

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet,	$57\frac{1}{2}$	$57\frac{3}{4}$	58	$58\frac{1}{4}$	$58\frac{1}{2}$	$58\frac{3}{4}$	59	$59\frac{1}{4}$
1	22.96	23.16	23.36	23.56	23.76	23.97	24.17	24.38
2	45.92	46.32	46.72	47.12	47.53	47.94	48.35	48.76
3	68.88	69.48	70.08	70.69	71.29	71.91	72.52	73.13
4	91.84	92.64	93.44	94.25	95.06	95.88	96.69	97.51
5	114.80	115.80	116.80	117.81	118.83	119.84	120.87	121.89
6	137.76	138.96	140.17	141.38	142.59	143.81	145.04	146.27
7	160.72	162.12	163.53	164.94	166.36	167.78	169.21	170.65
8	183.68	185.28	186.89	188.50	190.12	191.75	193.39	195.03
9	206.64	208.44	209.25	212.06	213.89	215.72	217.56	219.41
10	229.60	231.60	233.61	235.63	237.65	239.69	241.73	243.79
11	252.56	254.76	256.97	259.19	261.42	263.66	265.91	268.17
12	275.52	277.92	280.33	282.75	285.19	287.63	290.08	292.54
13	298.48	301.08	303.59	306.32	308.95	311.60	314.26	316.92
14	321.44	324.24	327.05	329.88	332.72	335.57	338.43	341.30
15	344.40	347.40	350.41	353.44	356.48	359.54	362.60	365.68
16	367.36	370.56	373.78	377.00	380.25	383.51	386.78	390.06
17	390.32	393.72	397.14	400.57	404.01	407.47	410.95	414.44
18	413.28	416.88	420.50	424.13	427.78	431.44	435.12	438.82
19	436.24	440.04	443.86	447.69	451.54	455.41	459.30	463.21
20	459.20	463.20	467.22	471.26	475.31	479.38	483.47	487.58
21	482.16	486.36	490.58	494.82	499.08	503.35	507.64	511.96
22	505.12	509.52	513.94	518.38	522.84	527.32	531.82	536.33
23	528.08	532.68	537.30	541.94	546.61	551.29	555.99	560.71
24	551.04	555.84	560.66	565.51	570.37	575.26	580.16	585.09
25	574.00	579.00	584.03	589.07	594.14	599.23	604.34	609.47
26	596.96	602.16	607.39	612.63	617.90	623.20	628.51	633.85
27	619.92	625.32	630.75	636.20	641.67	647.17	652.69	658.23
28	642.88	648.48	654.11	659.76	665.44	671.14	676.86	682.61
29	665.84	671.64	677.47	683.32	689.20	695.11	701.03	706.99
30	688.80	694.80	700.83	706.89	712.97	719.07	725.21	731.37
31	711.76	717.96	724.19	730.45	736.73	743.04	749.38	755.74
32	734.72	741.12	747.55	754.01	760.52	767.01	773.55	780.12
33	757.68	764.28	770.91	777.57	784.26	790.98	797.73	804.50
34	780.64	787.44	794.27	801.14	808.03	814.95	821.90	828.88
35	803.60	810.60	817.64	824.70	831.79	838.92	846.07	853.26
36	826.56	833.76	841.00	848.26	855.56	862.89	870.25	877.64
37	849.52	856.92	864.36	871.83	879.33	886.86	894.42	902.02
38	872.48	880.08	887.72	895.39	903.09	910.83	918.59	926.40
39	895.44	903.24	911.08	918.95	926.86	934.80	942.77	950.78
40	918.40	926.40	934.44	942.51	950.62	958.77	966.94	975.15
41	941.36	949.56	957.80	966.08	974.39	982.74	991.12	999.53
42	964.32	972.72	981.16	989.64	998.15	1006.70	1015.29	1023.91
43	987.28	995.88	1004.53	1013.20	1021.92	1030.67	1039.46	1048.29
44	1010.24	1019.04	1027.89	1036.77	1045.68	1054.64	1063.64	1072.67
45	1033.20	1042.20	1051.25	1060.33	1069.45	1078.61	1087.81	1097.05
$\frac{1}{4}$	5.74	5.79	5.84	5.89	5.94	5.99	6.04	6.09
$\frac{1}{2}$	11.48	11.58	11.68	11.78	11.88	11.99	12.09	12.19
$\frac{3}{4}$	17.22	17.37	17.52	17.67	17.82	17.98	18.13	18.28

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$59\frac{1}{2}$	$59\frac{3}{4}$	60	$60\frac{1}{4}$	$60\frac{1}{2}$	$60\frac{3}{4}$	61	$61\frac{1}{4}$
1	24.58	24.79	25.00	25.21	25.42	25.63	25.84	26.05
2	49.17	49.58	50.00	50.42	50.84	51.26	51.68	52.10
3	73.75	74.37	75.00	75.62	76.25	76.88	77.52	78.16
4	98.34	99.17	100.00	100.83	101.67	102.51	103.36	104.21
5	122.92	123.96	125.00	126.04	127.09	128.14	129.20	130.26
6	147.51	148.75	150.00	151.25	152.51	153.77	155.04	156.31
7	172.09	173.54	175.00	176.46	177.93	179.40	180.88	182.37
8	196.68	198.34	200.00	201.67	203.35	205.03	206.72	208.42
9	221.26	223.13	225.00	226.88	228.76	230.66	232.56	234.47
10	245.85	247.92	250.00	252.09	254.18	256.29	258.40	260.52
11	270.43	272.71	275.00	277.30	279.60	281.92	284.24	286.58
12	295.02	297.50	300.00	302.50	305.02	307.55	310.08	312.63
13	319.60	322.30	325.00	327.71	330.44	333.17	332.92	338.68
14	344.19	347.10	350.00	352.92	355.86	358.80	361.76	364.73
15	368.77	371.88	375.00	378.13	381.27	384.43	387.60	390.79
16	393.36	396.67	400.00	403.34	406.69	410.06	413.44	416.84
17	417.94	421.46	425.00	428.55	432.11	435.69	439.28	442.89
18	442.53	446.26	450.00	453.76	457.53	461.32	465.12	468.94
19	467.11	471.06	475.00	478.97	482.95	486.95	490.96	495.00
20	491.70	495.84	500.00	504.17	508.37	512.58	516.80	521.05
21	516.28	520.63	525.00	529.38	533.78	538.21	542.64	547.10
22	540.87	545.42	550.00	554.59	559.20	563.83	568.48	573.15
23	565.45	570.22	575.00	579.80	584.62	589.46	594.33	609.21
24	590.04	595.01	600.00	605.01	610.04	615.09	620.17	625.26
25	614.62	619.80	625.00	630.22	635.46	640.72	646.00	651.31
26	649.21	644.59	650.00	655.43	660.88	666.35	671.85	677.36
27	663.79	669.38	675.00	680.64	686.29	691.98	697.69	703.42
28	688.38	694.18	700.00	705.84	711.71	717.61	723.53	739.47
29	712.96	718.97	725.00	731.05	737.13	743.24	749.37	755.52
30	737.55	743.76	750.00	756.26	762.55	768.87	775.21	781.57
31	762.13	768.55	775.00	781.47	787.97	794.49	801.05	807.63
32	786.72	793.35	800.00	806.68	813.39	820.12	826.89	833.68
33	811.30	818.14	825.00	831.89	838.31	845.75	852.73	859.73
34	835.89	842.93	850.00	857.10	864.22	871.38	878.57	885.78
35	860.47	867.73	875.00	882.31	889.64	897.01	904.41	911.84
36	885.06	892.51	900.00	907.52	915.06	922.64	930.25	937.89
37	909.64	917.31	925.00	932.72	940.48	948.27	956.09	963.94
38	934.23	942.10	950.00	957.93	965.90	973.90	981.93	989.99
39	958.81	966.89	975.00	983.14	991.32	999.53	1007.77	1016.05
40	983.40	991.68	1000.00	1008.35	1016.73	1025.15	1033.61	1042.10
41	1007.98	1016.47	1025.00	1033.56	1042.15	1050.78	1059.45	1068.15
42	1032.57	1041.27	1050.00	1058.77	1067.57	1076.41	1085.29	1094.20
43	1057.15	1066.06	1075.00	1083.98	1092.99	1102.04	1111.13	1120.26
44	1081.74	1090.85	1100.00	1109.19	1118.41	1127.67	1136.97	1146.31
45	1106.32	1115.64	1125.00	1134.39	1143.83	1153.30	1162.81	1172.36
$\frac{1}{4}$	6.14	6.20	6.25	6.30	6.35	6.41	6.46	6.51
$\frac{1}{2}$	12.29	12.39	12.50	12.60	12.71	12.81	12.92	13.02
$\frac{3}{4}$	18.43	18.59	18.75	18.91	19.06	19.22	19.38	19.54

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	61. $\frac{1}{2}$	61. $\frac{3}{4}$	62	62. $\frac{1}{4}$	62. $\frac{1}{2}$	62. $\frac{3}{4}$	63	63. $\frac{1}{4}$
1	26.26	26.48	26.69	26.91	27.12	27.34	27.56	27.78
2	52.53	52.96	53.39	53.82	54.25	54.69	55.12	55.56
3	78.80	79.44	80.08	80.73	81.38	82.03	82.69	83.34
4	105.06	105.92	106.78	107.64	108.50	109.37	110.25	111.12
5	131.33	132.40	133.47	134.55	135.63	136.72	137.81	138.91
6	157.59	158.88	160.16	161.46	162.76	164.06	165.37	166.69
7	183.86	185.36	186.86	188.37	189.89	191.41	192.94	194.47
8	210.12	211.84	213.55	215.28	217.01	218.75	220.50	222.25
9	236.39	238.31	240.25	242.19	244.14	246.10	248.06	250.03
10	262.65	264.79	266.94	269.10	271.27	273.44	275.62	277.82
11	288.92	291.27	293.64	296.01	298.39	300.78	303.19	305.60
12	315.19	317.75	320.33	322.92	325.52	328.13	330.75	333.38
13	341.45	344.23	347.03	349.83	352.65	355.47	358.31	361.16
14	367.72	370.71	373.72	376.74	379.77	382.82	385.87	388.94
15	393.98	397.19	400.41	403.65	406.90	410.16	413.44	416.72
16	420.25	423.67	427.11	430.56	434.30	437.51	441.00	444.51
17	446.51	450.15	453.80	457.47	461.15	464.85	468.56	472.89
18	472.78	476.63	480.50	484.38	488.28	492.19	496.12	500.07
19	499.04	503.11	507.19	511.29	515.41	519.54	523.69	527.85
20	525.31	529.59	533.89	538.20	542.53	546.88	551.25	555.63
21	551.58	556.07	560.58	565.11	569.66	574.23	578.81	583.41
22	577.84	582.55	587.27	592.02	596.79	601.57	606.37	611.20
23	604.11	609.03	613.97	618.93	623.91	628.91	643.94	638.98
24	630.37	635.51	640.66	645.84	651.04	656.26	661.15	666.76
25	656.64	661.99	667.36	672.75	678.17	683.60	689.06	694.54
26	682.90	688.47	694.05	699.66	705.29	710.95	716.02	722.32
27	709.17	714.95	720.75	726.57	732.42	738.29	744.19	750.10
28	735.43	741.43	747.44	753.48	759.55	765.64	771.75	777.89
29	761.70	767.91	774.14	780.39	786.67	792.98	799.31	805.67
30	787.97	794.39	800.83	807.30	813.80	820.32	826.87	833.45
31	814.23	820.87	827.52	834.21	840.93	847.67	854.44	861.23
32	840.50	847.35	854.22	861.12	868.05	875.01	882.00	889.01
33	866.76	873.83	880.91	888.03	895.18	902.36	909.56	916.79
34	893.03	900.30	907.61	914.94	922.31	929.70	937.12	944.58
35	919.28	926.78	934.30	941.85	949.43	957.05	964.69	972.36
36	945.56	953.26	961.00	968.76	976.56	984.39	992.25	1000.14
37	971.83	979.74	987.69	995.67	1003.69	1011.73	1019.81	1027.92
38	998.09	1006.22	1014.39	1022.58	1030.81	1039.08	1047.37	1055.70
39	1024.36	1032.70	1041.08	1049.49	1057.94	1066.42	1074.94	1083.48
40	1050.62	1059.18	1067.77	1076.40	1085.07	1093.77	1102.50	1111.27
41	1076.89	1085.66	1094.47	1103.31	1112.19	1121.11	1130.06	1139.05
42	1103.15	1112.14	1121.16	1130.22	1139.32	1148.45	1157.62	1166.83
43	1129.42	1138.62	1147.86	1157.13	1166.45	1175.80	1185.19	1194.61
44	1155.68	1165.10	1174.55	1184.04	1193.57	1203.14	1212.75	1222.39
45	1181.95	1191.58	1201.25	1210.95	1220.70	1230.49	1240.31	1250.17
$\frac{1}{4}$	6.56	6.62	6.67	6.73	6.78	6.83	6.89	6.95
$\frac{1}{2}$	13.13	13.24	13.34	13.45	13.56	13.67	13.78	13.89
$\frac{3}{4}$	19.69	19.86	20.02	20.18	20.34	20.50	20.67	20.84

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$63\frac{1}{2}$	$63\frac{3}{4}$	64	$64\frac{1}{4}$	$64\frac{1}{2}$	$64\frac{3}{4}$	65	$65\frac{1}{4}$
1	28.00	28.22	28.44	28.67	28.89	29.11	29.34	29.56
2	56.00	56.44	56.89	57.33	57.78	58.23	58.68	59.13
3	84.00	84.67	85.33	86.00	86.67	87.34	88.02	88.70
4	112.00	112.89	113.78	114.67	115.56	116.46	117.36	118.26
5	140.01	141.11	142.22	143.33	144.45	145.57	146.70	147.83
6	168.01	169.33	170.66	172.00	173.34	174.69	176.04	177.40
7	196.01	197.56	199.11	200.67	202.23	203.80	205.38	206.96
8	224.01	225.78	227.55	229.34	231.12	232.92	234.72	236.53
9	252.01	254.00	256.00	258.00	260.01	262.03	264.06	266.10
10	280.02	282.22	284.44	286.67	288.90	291.15	293.40	295.66
11	308.02	310.45	312.89	315.34	317.79	320.26	322.74	325.23
12	336.02	338.67	341.33	344.00	346.68	349.38	352.08	354.80
13	364.02	366.89	369.78	372.67	375.57	378.49	381.42	384.36
14	392.02	395.11	398.22	401.34	404.46	407.61	410.76	413.93
15	420.02	423.34	426.66	430.00	433.35	436.72	440.10	443.50
16	448.03	451.56	455.11	458.67	462.24	465.84	469.44	473.06
17	476.03	479.78	483.55	487.34	491.13	494.95	498.78	502.63
18	504.03	508.00	512.00	516.00	520.02	524.07	528.12	532.20
19	532.03	536.23	540.44	544.67	548.91	553.18	557.46	561.76
20	560.03	564.45	568.89	573.34	577.80	582.30	586.80	591.33
21	588.03	592.67	597.33	602.01	606.69	611.41	616.14	620.90
22	616.04	620.90	625.77	630.67	635.58	640.53	645.48	650.46
23	644.04	649.12	654.22	659.34	664.47	669.64	674.83	680.03
24	672.04	677.34	682.66	688.01	693.36	698.76	704.17	709.60
25	700.04	705.56	711.11	716.68	722.25	727.87	733.51	739.16
26	728.04	733.79	739.55	745.34	751.14	756.99	762.85	768.73
27	756.04	762.01	768.00	774.01	780.03	786.10	792.19	798.30
28	784.05	790.23	796.44	802.68	808.92	815.22	821.53	827.86
29	812.05	818.45	824.89	831.34	837.81	844.33	850.87	857.43
30	840.05	846.68	853.33	860.01	866.70	873.45	880.21	887.00
31	868.05	874.90	881.77	888.68	895.59	902.56	909.55	916.56
32	896.05	903.12	910.22	917.35	924.48	931.68	938.89	946.13
33	924.05	931.34	938.66	946.01	953.37	960.79	968.23	975.70
34	952.06	959.57	967.11	974.68	982.26	989.91	997.57	1005.26
35	980.06	987.79	995.55	1003.35	1011.15	1019.02	1026.91	1034.83
36	1008.06	1016.01	1024.00	1032.01	1040.04	1048.14	1056.25	1064.40
37	1036.06	1044.23	1052.44	1060.68	1068.93	1077.25	1085.59	1093.96
38	1064.06	1072.46	1080.89	1089.35	1097.82	1106.37	1114.93	1123.53
39	1092.06	1100.68	1109.33	1118.02	1126.71	1135.48	1144.27	1153.10
40	1120.07	1128.90	1137.77	1146.68	1155.60	1164.60	1173.61	1182.66
41	1148.07	1157.12	1166.22	1175.35	1184.49	1193.71	1202.95	1212.23
42	1176.07	1185.35	1194.66	1204.02	1213.38	1222.83	1232.29	1241.80
43	1204.07	1213.57	1223.11	1232.68	1242.27	1251.94	1261.63	1271.36
44	1232.07	1241.79	1251.55	1261.35	1271.16	1281.06	1290.97	1300.93
45	1260.07	1270.02	1280.00	1290.02	1300.05	1310.17	1320.31	1330.50
$\frac{1}{4}$	7.00	7.06	7.11	7.17	7.22	7.28	7.33	7.39
$\frac{1}{2}$	14.00	14.11	14.22	14.33	14.44	14.55	14.69	14.78
$\frac{3}{4}$	21.00	21.17	21.33	21.50	21.67	21.83	22.00	22.17

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$65\frac{1}{2}$	$65\frac{3}{4}$	66	$66\frac{1}{4}$	$66\frac{1}{2}$	$66\frac{3}{4}$	67	$67\frac{1}{4}$	$67\frac{1}{2}$
1	29.79	30.02	30.25	30.48	30.71	30.94	31.17	31.40	31.64
2	59.59	60.04	60.50	60.96	61.42	61.88	62.35	62.81	63.28
3	89.38	90.06	90.75	91.44	92.13	92.82	93.52	94.22	94.92
4	119.17	120.08	121.00	121.92	122.84	123.76	124.69	125.62	126.56
5	148.97	150.10	151.25	152.40	153.55	154.71	155.87	157.03	158.20
6	178.76	180.13	181.50	182.87	184.26	185.65	187.04	188.44	189.84
7	208.55	210.15	211.75	213.36	214.97	216.59	218.21	219.84	221.49
8	238.35	240.17	242.00	243.84	245.68	247.53	249.39	251.25	253.13
9	268.14	270.19	272.25	274.31	276.39	278.47	280.56	282.66	284.77
10	297.93	300.21	302.50	304.79	307.10	309.41	311.73	314.06	316.41
11	327.73	330.23	332.75	335.27	337.81	340.35	342.91	345.47	348.05
12	357.52	360.25	363.00	365.75	368.52	371.29	374.08	376.88	379.69
13	387.31	390.27	393.25	396.23	399.23	402.24	405.26	408.28	411.33
14	417.11	420.30	423.50	426.71	429.94	433.18	436.43	439.69	442.97
15	446.90	450.32	453.75	457.19	460.65	464.12	467.60	471.10	474.61
16	476.69	480.34	484.00	487.67	491.36	495.06	498.78	502.50	506.25
17	506.49	510.36	514.25	518.15	522.07	526.00	529.95	533.91	537.90
18	536.28	540.38	544.50	548.63	552.79	556.94	561.12	565.32	569.54
19	566.07	570.40	574.75	579.11	583.50	587.88	592.30	596.72	601.18
20	595.87	600.42	605.00	609.59	614.21	618.83	623.47	628.13	632.82
21	625.66	630.45	635.25	640.07	644.92	649.77	654.64	659.53	664.46
22	655.45	660.47	665.50	670.55	673.63	680.71	685.82	690.94	696.10
23	685.25	690.50	695.75	701.03	706.34	711.65	716.99	722.35	727.74
24	715.04	720.51	726.00	731.51	737.05	742.59	748.16	753.75	759.38
25	744.83	750.53	756.25	761.99	767.76	773.53	779.34	785.16	791.02
26	774.63	780.55	786.50	792.47	798.47	804.47	810.51	816.57	822.66
27	804.42	810.57	816.75	822.95	829.18	835.42	841.69	847.97	854.31
28	834.21	840.59	847.00	853.43	859.89	866.36	872.86	879.38	885.95
29	864.00	870.62	877.25	883.91	890.60	897.30	904.03	910.79	917.59
30	893.80	900.64	907.50	914.39	921.31	928.24	935.21	942.19	949.23
31	923.59	930.66	937.75	944.87	952.02	959.18	966.38	973.60	980.87
32	953.39	960.68	968.00	975.35	982.73	990.12	997.55	1005.01	1012.51
33	983.18	990.70	998.25	1005.82	1013.44	1021.06	1028.73	1036.41	1044.15
34	1012.97	1020.72	1028.50	1036.30	1044.15	1052.01	1059.90	1067.82	1075.79
35	1042.77	1050.74	1058.75	1066.78	1074.86	1082.95	1091.07	1099.23	1107.43
36	1072.56	1080.76	1089.00	1097.26	1105.57	1113.89	1122.25	1130.63	1139.07
37	1102.35	1110.79	1119.25	1127.74	1136.28	1144.83	1153.42	1162.04	1170.72
38	1132.15	1140.81	1149.50	1158.22	1166.99	1175.77	1184.59	1193.45	1202.36
39	1161.94	1170.83	1179.75	1188.70	1197.70	1206.71	1215.77	1224.85	1234.00
40	1191.73	1200.85	1210.00	1219.18	1228.41	1237.65	1246.94	1256.26	1265.64
41	1221.53	1230.87	1240.25	1249.66	1259.12	1268.60	1278.12	1287.67	1297.28
42	1251.32	1260.89	1270.50	1280.14	1289.83	1299.54	1309.29	1319.07	1328.92
43	1281.11	1290.91	1300.75	1310.62	1320.55	1330.48	1340.46	1350.48	1360.56
44	1310.91	1320.94	1331.00	1341.10	1351.26	1361.42	1371.64	1381.88	1392.20
45	1340.70	1350.96	1361.25	1371.58	1381.97	1392.36	1402.81	1413.29	1423.84
$\frac{1}{4}$	7.45	7.50	7.56	7.62	7.68	7.74	7.79	7.85	7.91
$\frac{1}{2}$	14.89	15.01	15.12	15.24	15.35	15.47	15.59	15.70	15.82
$\frac{3}{4}$	22.34	22.51	22.69	22.86	23.03	23.21	23.38	23.55	23.73

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet.	$67\frac{3}{4}$	68	$68\frac{1}{4}$	$68\frac{1}{2}$	$68\frac{3}{4}$	69	$69\frac{1}{4}$	$69\frac{1}{2}$	$69\frac{3}{4}$
1	31.87	32.11	32.35	32.58	32.82	33.06	33.30	33.54	33.78
2	63.75	64.22	64.69	65.17	65.64	66.12	66.60	67.07	67.57
3	95.62	96.33	97.04	97.75	98.47	99.19	99.90	100.61	101.35
4	127.50	128.44	129.39	130.34	131.29	132.25	133.21	134.15	135.14
5	159.38	160.55	161.74	162.92	164.11	165.31	166.51	167.69	168.92
6	191.25	192.66	194.08	195.51	196.94	198.37	199.81	201.22	202.71
7	223.13	224.78	226.43	228.09	229.76	231.44	233.11	234.77	236.49
8	255.00	256.89	258.78	260.68	262.58	264.50	266.41	268.30	270.28
9	286.88	289.00	291.13	293.26	295.41	297.56	299.72	301.84	304.06
10	318.75	321.11	323.47	325.85	328.23	330.62	333.02	335.37	337.85
11	350.63	353.22	355.82	358.43	361.05	363.69	366.32	368.91	371.63
12	382.50	385.33	388.17	391.02	393.88	396.75	399.62	402.45	405.42
13	414.38	417.44	420.52	423.60	426.70	429.81	432.92	439.99	439.20
14	446.25	449.55	452.86	456.19	459.52	462.87	466.22	469.52	472.99
15	478.13	481.66	485.21	488.77	492.35	495.94	499.53	503.06	506.77
16	510.00	513.78	517.56	521.36	525.17	529.00	532.83	536.60	540.56
17	541.88	545.89	549.91	553.94	557.99	562.06	566.13	570.14	574.34
18	573.76	578.00	582.25	586.53	590.82	595.94	599.43	603.67	608.13
19	605.63	610.11	614.60	619.11	623.64	628.19	632.73	637.21	641.92
20	637.51	642.22	646.95	651.70	656.46	661.25	666.04	670.75	675.70
21	669.38	674.33	679.30	684.28	689.29	694.31	699.34	704.29	709.49
22	701.26	706.44	711.65	716.87	722.11	727.37	732.64	737.83	743.27
23	733.13	738.55	743.99	749.45	754.93	760.44	765.94	771.36	777.06
24	765.01	770.66	776.34	782.04	787.76	793.50	799.24	804.90	810.84
25	796.88	802.78	808.69	814.62	820.58	826.56	832.55	838.44	844.63
26	828.76	834.89	841.04	847.21	853.40	859.62	865.85	871.98	878.41
27	860.63	867.00	873.38	879.79	886.23	892.69	899.15	905.51	912.20
28	892.51	899.11	905.73	912.38	919.05	925.75	932.45	939.05	945.98
29	924.38	931.22	938.08	944.96	951.87	958.81	965.75	972.59	979.77
30	956.26	963.33	970.43	977.55	984.70	991.87	999.06	1006.13	1013.55
31	988.14	995.44	1002.77	1010.13	1017.52	1024.94	1032.36	1039.66	1047.34
32	1020.01	1027.55	1035.12	1042.72	1050.34	1058.00	1065.66	1073.20	1081.12
33	1051.89	1059.66	1067.47	1075.30	1083.17	1091.06	1098.96	1106.74	1114.91
34	1083.76	1091.78	1099.82	1107.89	1115.99	1124.12	1132.26	1140.28	1148.69
35	1115.64	1123.89	1132.16	1140.47	1148.81	1157.19	1165.56	1173.81	1182.48
36	1147.51	1156.00	1164.51	1173.06	1181.64	1190.25	1198.97	1207.35	1216.26
37	1179.39	1188.11	1196.86	1205.64	1214.46	1223.31	1232.17	1240.89	1250.05
38	1211.26	1220.22	1229.21	1238.23	1247.28	1256.37	1265.47	1274.43	1283.83
39	1243.14	1252.33	1261.55	1270.81	1280.11	1289.44	1298.77	1307.96	1317.62
40	1275.01	1284.44	1293.90	1303.40	1312.93	1322.50	1332.07	1341.50	1351.40
41	1306.89	1316.55	1326.25	1335.98	1345.75	1355.56	1365.38	1375.04	1385.19
42	1338.77	1348.66	1358.60	1368.57	1378.58	1388.62	1398.68	1408.58	1418.97
43	1370.64	1380.78	1390.94	1401.15	1411.40	1421.69	1431.97	1442.12	1452.76
44	1402.52	1412.89	1423.29	1433.74	1444.22	1454.75	1465.28	1475.65	1486.54
45	1434.39	1445.00	1455.64	1466.32	1477.05	1487.81	1498.58	1509.19	1520.33
$\frac{1}{4}$	7.97	8.03	8.09	8.14	8.20	8.27	8.32	8.38	8.45
$\frac{1}{2}$	15.93	16.05	16.17	16.29	16.41	16.53	16.65	16.77	16.89
$\frac{3}{4}$	23.90	24.08	24.26	24.43	24.61	24.80	24.97	25.15	25.34

Solid Measure. The fourth Part of the Girt in Inches.

Length in feet,	70	70. $\frac{1}{2}$	70. $\frac{1}{2}$	70. $\frac{3}{4}$	71	71. $\frac{1}{4}$	71. $\frac{1}{2}$	71. $\frac{3}{4}$	72
1	34.03	34.27	34.51	34.76	35.00	35.25	35.50	35.75	36.00
2	68.05	68.54	69.03	69.52	70.01	70.51	71.00	71.50	72.00
3	102.08	102.81	103.55	104.28	105.02	105.70	106.50	107.25	108.00
4	136.11	137.08	138.06	139.04	140.03	141.01	142.00	143.00	144.00
5	170.14	171.35	172.58	173.80	175.03	176.27	177.50	178.75	180.00
6	204.16	205.63	207.09	208.56	210.04	211.52	213.00	214.50	216.00
7	238.19	239.90	241.61	243.32	245.05	246.78	248.50	250.25	252.00
8	272.22	274.17	276.12	278.08	280.05	282.03	284.00	286.00	288.00
9	306.25	308.44	310.64	312.85	315.06	317.28	319.50	321.75	324.00
10	340.28	342.71	345.16	347.61	350.07	352.54	355.00	357.50	360.00
11	374.30	376.98	379.67	382.37	385.07	387.79	490.50	393.25	396.00
12	408.33	411.25	414.19	417.13	420.08	423.04	426.00	429.00	432.00
13	442.36	445.52	448.70	451.89	455.09	458.30	461.50	464.75	468.00
14	476.39	479.79	483.22	486.65	490.09	493.55	497.00	500.50	504.00
15	510.41	514.07	517.73	521.41	525.10	528.81	532.50	536.25	540.00
16	544.44	548.34	552.25	556.17	560.11	564.06	568.00	572.00	576.00
17	578.47	582.61	586.77	590.93	595.12	599.31	603.50	607.75	612.00
18	612.50	616.88	621.28	625.69	630.12	634.57	639.00	643.51	648.00
19	646.52	651.15	655.80	660.45	665.13	669.82	674.50	679.26	684.00
20	680.55	685.42	690.31	695.21	700.14	705.08	710.00	715.01	720.00
21	714.58	719.69	724.83	729.98	735.14	740.33	745.50	750.76	756.00
22	748.61	753.97	759.34	764.74	770.15	775.58	781.00	786.51	792.00
23	782.64	788.24	793.86	799.50	805.16	810.84	816.50	822.26	828.00
24	816.66	822.51	828.38	834.26	840.16	846.09	852.00	858.01	864.00
25	850.69	856.78	862.89	869.02	875.17	881.35	887.50	893.76	900.00
26	884.72	891.05	897.41	903.78	910.18	916.60	923.00	929.51	936.00
27	918.75	925.32	931.92	938.54	945.18	951.85	958.50	965.26	972.00
28	952.77	959.59	966.44	973.30	980.19	987.11	994.00	1001.01	1008.00
29	986.80	993.86	1000.95	1008.06	1015.20	1022.36	1029.50	1036.76	1044.00
30	1020.83	1028.13	1035.47	1042.82	1050.21	1057.62	1065.00	1072.51	1080.00
31	1054.86	1062.41	1069.98	1077.58	1085.21	1092.87	1100.50	1108.26	1116.00
32	1088.89	1096.68	1104.50	1112.34	1120.22	1128.12	1136.00	1144.01	1152.00
33	1122.91	1130.95	1139.02	1147.10	1155.23	1163.38	1171.50	1179.76	1188.00
34	1156.94	1165.22	1173.53	1181.87	1190.23	1198.63	1207.00	1215.51	1224.00
35	1190.97	1199.49	1208.05	1216.63	1225.24	1233.88	1242.51	1251.26	1260.00
36	1225.00	1233.76	1242.56	1251.39	1260.25	1269.14	1278.01	1287.01	1296.00
37	1259.02	1268.03	1277.08	1286.15	1295.25	1304.39	1313.51	1322.76	1332.00
38	1293.05	1302.30	1311.59	1320.91	1330.26	1349.65	1349.01	1358.51	1368.00
39	1327.08	1336.06	1346.11	1355.67	1365.27	1374.90	1384.51	1394.26	1404.00
40	1361.11	1370.85	1380.63	1390.43	1400.27	1410.15	1420.01	1430.01	1440.00
41	1395.13	1405.12	1415.14	1425.19	1435.28	1445.41	1455.51	1465.76	1476.00
42	1429.16	1439.39	1449.66	1459.95	1470.29	1480.66	1491.01	1501.51	1512.00
43	1463.19	1473.66	1484.17	1494.71	1505.29	1515.92	1526.51	1537.27	1548.00
44	1497.22	1507.93	1518.69	1529.47	1540.30	1551.17	1562.01	1573.02	1584.00
45	1531.24	1542.20	1553.20	1564.23	1575.31	1586.42	1597.51	1608.77	1620.00
$\frac{1}{4}$	8.50	8.57	8.63	8.69	8.75	8.81	8.87	8.94	9.00
$\frac{1}{2}$	17.01	17.13	17.25	17.38	17.50	17.62	17.75	17.87	18.00
$\frac{3}{4}$	25.51	25.70	25.88	26.07	26.25	26.43	26.62	26.81	27.00

THE
E X P L I C A T I O N
A N D

Use of the T A B L E,

T I T L E D,

The Side of the Square in Inches, Length
in Inches that make a Foot.

WHEN a *stick* of *timber* is reduced to a true *square* by the *tables* for that purpose, or otherwise, look to the column, titled *side in inches*; then against that in the next column, titled *length in inches*, is the length on the piece that will make a foot solid.

E X A M P L E.

Suppose the side of the square to be 17 inches, look at 17 inches, and against that in the next column is 5.9789 inches. And so far in length you are to measure, to (cut off, or) find a solid foot of timber, &c. on that piece. If you double it, it is two feet, trebble it, and it is three feet, &c.

I perhaps may be thought too *critical* or *nice* by going to four figures in fractions; but if you look towards the latter end of the table where the side of the square is large, you will find the decrease so very slow, that if it had been calculated to two or three figures only, the difference could not have been asserted.

A T A B L E

A T A B L E of the Side of the Square in Inches. Length in Inches that make a Foot.

Side in Inches.	Length in Inches.	Side in Inches.	Length in Inches.	Side in Inches.	Length in Inches.	Side in Inches.	Length in Inches.	Side in Inches.	Length in Inches.	Side in Inches.	Length in Inches.
3	192.0000	14. $\frac{1}{2}$ $\frac{3}{4}$	8.2192	26	2.5562	37. $\frac{1}{2}$ $\frac{3}{4}$	1.2288	49	0.7197	60. $\frac{1}{2}$ $\frac{3}{4}$	0.4721
3. $\frac{1}{4}$	163.7108	14. $\frac{3}{4}$	7.9427	26. $\frac{1}{4}$	2.5078	37. $\frac{3}{4}$	1.2126	49. $\frac{1}{4}$	0.7118	60. $\frac{3}{4}$	0.4682
3. $\frac{1}{2}$	141.1764	15	7.6800	26. $\frac{1}{2}$	2.4606	38	1.1867	49. $\frac{1}{2}$	0.7052	61	0.4644
3. $\frac{3}{4}$	122.9303	15. $\frac{1}{4}$	7.4294	26. $\frac{3}{4}$	2.4146	38. $\frac{1}{4}$	1.1811	49. $\frac{3}{4}$	0.6982	61. $\frac{1}{4}$	0.4606
4	108.0108	15. $\frac{1}{2}$	7.1925	27	2.3703	38. $\frac{1}{2}$	1.1658	50	0.6918	61. $\frac{1}{2}$	0.4520
4. $\frac{1}{4}$	95.4654	15. $\frac{3}{4}$	6.9662	27. $\frac{1}{4}$	2.3244	38. $\frac{3}{4}$	1.1508	50. $\frac{1}{4}$	0.6843	61. $\frac{3}{4}$	0.4495
4. $\frac{1}{2}$	85.3485	16	6.7503	27. $\frac{1}{2}$	2.2850	39	1.1360	50. $\frac{1}{2}$	0.6776	62	0.4455
4. $\frac{3}{4}$	76.5730	16. $\frac{1}{4}$	6.5437	27. $\frac{3}{4}$	2.2440	39. $\frac{1}{4}$	1.1217	50. $\frac{3}{4}$	0.6709	62. $\frac{1}{4}$	0.4424
5	69.1244	16. $\frac{1}{2}$	6.3472	28	2.2041	39. $\frac{1}{2}$	1.1075	51	0.6632	62. $\frac{1}{2}$	0.4388
5. $\frac{1}{4}$	62.7287	16. $\frac{3}{4}$	6.1592	28. $\frac{1}{4}$	2.1652	39. $\frac{3}{4}$	1.0931	51. $\frac{1}{4}$	0.6579	62. $\frac{3}{4}$	0.4354
5. $\frac{1}{2}$	57.1156	17	5.9789	28. $\frac{1}{2}$	2.1272	40	1.0800	51. $\frac{1}{2}$	0.6515	63	0.4319
5. $\frac{3}{4}$	52.2648	17. $\frac{1}{4}$	5.8072	28. $\frac{3}{4}$	2.0906	40. $\frac{1}{4}$	1.0666	51. $\frac{3}{4}$	0.6452	63. $\frac{1}{4}$	0.4285
6	48.0000	17. $\frac{1}{2}$	5.6425	29	2.0547	40. $\frac{1}{2}$	1.0535	52	0.6396	63. $\frac{1}{2}$	0.4244
6. $\frac{1}{4}$	44.2478	17. $\frac{3}{4}$	5.5064	29. $\frac{1}{4}$	2.0197	40. $\frac{3}{4}$	1.0406	52. $\frac{1}{4}$	0.6324	63. $\frac{3}{4}$	0.4218
6. $\frac{1}{2}$	40.9000	18	5.3333	29. $\frac{1}{2}$	1.9856	41	1.0280	52. $\frac{1}{2}$	0.6269	64	0.4186
6. $\frac{3}{4}$	38.0000	18. $\frac{1}{4}$	5.1883	29. $\frac{3}{4}$	1.9524	41. $\frac{1}{4}$	1.0155	52. $\frac{3}{4}$	0.6210	64. $\frac{1}{4}$	0.4150
7	35.2734	18. $\frac{1}{2}$	5.0490	30	1.9200	41. $\frac{1}{2}$	1.0033	53	0.6152	64. $\frac{1}{2}$	0.4121
7. $\frac{1}{4}$	32.8767	18. $\frac{3}{4}$	4.9152	30. $\frac{1}{4}$	1.8884	41. $\frac{3}{4}$	0.9914	53. $\frac{1}{4}$	0.6094	64. $\frac{3}{4}$	0.4090
7. $\frac{1}{2}$	30.7220	19	4.7868	30. $\frac{1}{2}$	1.8580	42	0.9796	53. $\frac{1}{2}$	0.6037	65	0.4059
7. $\frac{3}{4}$	28.7770	19. $\frac{1}{4}$	4.6629	30. $\frac{3}{4}$	1.8275	42. $\frac{1}{4}$	0.9680	53. $\frac{3}{4}$	0.5980	65. $\frac{1}{4}$	0.4028
8	27.0027	19. $\frac{1}{2}$	4.5443	31	1.7981	42. $\frac{1}{2}$	0.9567	54	0.5926	65. $\frac{1}{2}$	0.3997
8. $\frac{1}{4}$	25.3914	19. $\frac{3}{4}$	4.4300	31. $\frac{1}{4}$	1.7694	42. $\frac{3}{4}$	0.9455	54. $\frac{1}{4}$	0.5873	65. $\frac{3}{4}$	0.3967
8. $\frac{1}{2}$	23.9187	20	4.3200	31. $\frac{1}{2}$	1.7415	43	0.9346	54. $\frac{1}{2}$	0.5818	66	0.3937
8. $\frac{3}{4}$	22.5733	20. $\frac{1}{4}$	4.2141	31. $\frac{3}{4}$	1.7142	43. $\frac{1}{4}$	0.9238	54. $\frac{3}{4}$	0.5765	66. $\frac{1}{4}$	0.3907
9	21.3333	20. $\frac{1}{2}$	4.1118	32	1.6875	43. $\frac{1}{2}$	0.9132	55	0.5712	66. $\frac{1}{2}$	0.3893
9. $\frac{1}{4}$	20.1986	20. $\frac{3}{4}$	4.0803	32. $\frac{1}{4}$	1.6614	43. $\frac{3}{4}$	0.9028	55. $\frac{1}{4}$	0.5661	66. $\frac{3}{4}$	0.3847
9. $\frac{1}{2}$	19.1479	21	3.9184	32. $\frac{1}{2}$	1.6360	44	0.8925	55. $\frac{1}{2}$	0.5610	67	0.3820
9. $\frac{3}{4}$	18.1818	21. $\frac{1}{4}$	3.8268	32. $\frac{3}{4}$	1.6111	44. $\frac{1}{4}$	0.8825	55. $\frac{3}{4}$	0.5559	67. $\frac{1}{4}$	0.3793
10	17.2811	21. $\frac{1}{2}$	3.7383	33	1.5868	44. $\frac{1}{2}$	0.8726	56	0.5510	67. $\frac{1}{2}$	0.3765
10. $\frac{1}{4}$	16.4472	21. $\frac{3}{4}$	3.6528	33. $\frac{1}{4}$	1.5630	44. $\frac{3}{4}$	0.8628	56. $\frac{1}{4}$	0.5461	67. $\frac{3}{4}$	0.3737
10. $\frac{1}{2}$	15.6738	22	3.5764	33. $\frac{1}{2}$	1.5398	45	0.8533	56. $\frac{1}{2}$	0.5413	68	0.3710
10. $\frac{3}{4}$	14.9533	22. $\frac{1}{4}$	3.4905	33. $\frac{3}{4}$	1.5170	45. $\frac{1}{4}$	0.8439	56. $\frac{3}{4}$	0.5365	68. $\frac{1}{4}$	0.3683
11	14.2823	22. $\frac{1}{2}$	3.4133	34	1.4948	45. $\frac{1}{2}$	0.8347	57	0.5319	68. $\frac{1}{2}$	0.3683
11. $\frac{1}{4}$	13.6534	22. $\frac{3}{4}$	3.3387	34. $\frac{1}{4}$	1.4730	45. $\frac{3}{4}$	0.8259	57. $\frac{1}{4}$	0.5268	68. $\frac{3}{4}$	0.3656
11. $\frac{1}{2}$	13.0662	23	3.2665	34. $\frac{1}{2}$	1.4518	46	0.8167	57. $\frac{1}{2}$	0.5226	69	0.3629
11. $\frac{3}{4}$	12.5161	23. $\frac{1}{4}$	3.1967	34. $\frac{3}{4}$	1.4310	46. $\frac{1}{4}$	0.8078	57. $\frac{3}{4}$	0.5181	69. $\frac{1}{4}$	0.3603
12	12.0000	23. $\frac{1}{2}$	3.1290	35	1.4106	46. $\frac{1}{2}$	0.7992	58	0.5132	69. $\frac{1}{2}$	0.3578
12. $\frac{1}{4}$	11.5152	23. $\frac{3}{4}$	3.0635	35. $\frac{1}{4}$	1.3907	46. $\frac{3}{4}$	0.7906	58. $\frac{1}{4}$	0.5093	69. $\frac{3}{4}$	0.3555
12. $\frac{1}{2}$	11.0599	24	3.0000	35. $\frac{1}{2}$	1.3719	47	0.7823	58. $\frac{1}{2}$	0.5047	70	0.3527
12. $\frac{3}{4}$	10.6298	24. $\frac{1}{4}$	2.9385	35. $\frac{3}{4}$	1.3520	47. $\frac{1}{4}$	0.7740	58. $\frac{3}{4}$	0.5006	70. $\frac{1}{4}$	0.3501
13	10.2249	24. $\frac{1}{2}$	2.8788	36	1.3333	47. $\frac{1}{2}$	0.7659	59	0.4964	70. $\frac{1}{2}$	0.3477
13. $\frac{1}{4}$	9.8456	24. $\frac{3}{4}$	2.8209	36. $\frac{1}{4}$	1.3150	47. $\frac{3}{4}$	0.7578	59. $\frac{1}{4}$	0.4922	70. $\frac{3}{4}$	0.3452
13. $\frac{1}{2}$	9.4816	25	2.7648	36. $\frac{1}{2}$	1.2971	48	0.7500	59. $\frac{1}{2}$	0.4880	71	0.3428
13. $\frac{3}{4}$	9.1401	25. $\frac{1}{4}$	2.7103	36. $\frac{3}{4}$	1.2795	48. $\frac{1}{4}$	0.7422	59. $\frac{3}{4}$	0.4840	71. $\frac{1}{4}$	0.3404
14	8.8164	25. $\frac{1}{2}$	2.6574	37	1.2622	48. $\frac{1}{2}$	0.7346	60	0.4800	71. $\frac{1}{2}$	0.3377
14. $\frac{1}{4}$	8.5094	25. $\frac{3}{4}$	2.6061	37. $\frac{1}{4}$	1.2339	48. $\frac{3}{4}$	0.7271	60. $\frac{1}{4}$	0.4760	71. $\frac{3}{4}$	0.3357
										72	0.3333

A

T A B L E

O F

TIMBER-MEASURE, STONE, &c.

Ready cast up, according to a Cyllindar. From 12 to 288 Inches in Girt, and from 1 Foot to 45 in Length. — To which I have also added a Tablet, which likewise gives the Content of $\frac{3}{4}$, $\frac{1}{2}$, and $\frac{1}{4}$ of a Foot in Length. So that by these Tables any Cyllindar may be cast up in Feet and decimal Parts of a Foot to the greatest Exactness, or at least near enough in Practice; and much nearer than by any other Tables extant.

THE design of this table, is to correct and improve upon the common method of measuring, and to shew the impropriety of taking the fourth part of the mean girt for the true sides of the square; and that the reader may be more fully satisfied of the mistake in common practice, and the usefulness of this method, let him examine and compare the two different ways together, and he will soon be convinced of the common mistake.

Suppose, the length of a piece of timber $17\frac{3}{4}$ feet, and the side of the square $33\frac{1}{4}$ inches, which is taken from the table at twice, thus: A piece of timber 17 feet long, and $33\frac{1}{4}$ inches square, is 130.52 feet, and by the tablet at the bottom, the $\frac{3}{4}$ of a foot long is found to be 5.76 feet.

Now in order to find the difference between the true cyllindar, and the common way of measuring such bodies.

First find the length of the piece in the first column, as before directed in the last table, which as aforesaid is $17\frac{3}{4}$ feet, and the girt of the piece is 133 inches, which is four times $33\frac{1}{4}$, equal to the girt of the last mentioned piece. Against 17, and under 133 is 166.18 feet, and then by the tablet at the bottom in the same column is 7.33 feet.

See the Example of both and difference.

166.18		130.52
7.33		5.76
<hr/>		<hr/>
173.51	<i>The truth as a cyllindar.</i>	136.28
136.28	<i>Common way.</i>	<i>Common way.</i>
<hr/>		
37.23	<i>Difference.</i>	

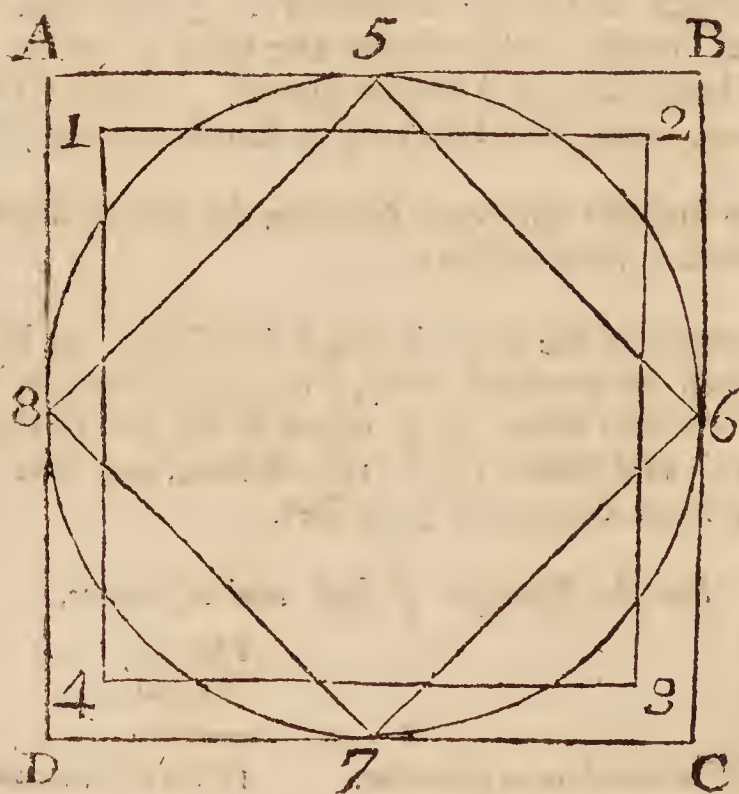
So that the difference is found to be 37.23 feet, and so much is the common way too little; but then, here will arise an objection.

That

That the buyer may *urge*, that if I buy after this way, I must pay for 37.23 feet of timber more than I should by the common way of measuring. *Granted*.

But then the feller may say, that if I am not paid for that quantity, I give it away, which is too much to give in one *stick*, being a number of years growth. To which it is natural for the buyer to answer, if I pay for it, I shall pay for several feet of but little use; for, consider, there must be more than the 37.23 feet taken off before the piece is brought to a proof edge, which when performed, the side of the square of the piece will be no more than the side of the square inscribed: which being a thing not known or understood by many buyers and sellers of timber, I shall for the benefit of both, endeavour to demonstrate what I here advance, and make it appear, that some sorts of timber ought to be bought and sold one way, and some another, and likewise give some reasons for making proper allowances for bark, waste, &c.

In order to which, it will be necessary to give a demonstration from Euclid 47, 1. wherein it is ascertained, that the square root of double the square of the semidiameter is equal to the side of the square inscribed, which when a piece of timber is brought to its proof edge, the side of the square can be no more; but Mr. Hatton, in his Appendix to Keay's Tables, page 161, says, he was told by an ingenious carpenter of great business, that in London they often buy their timber, whose quantity is computed upon the square without (*or very near it*) according to which, the foregoing piece of timber will measure to 220.92 feet, which is 47.41 feet more than it is measured at as a cylindar, whereas no solid body can be more than it measures by its own capacity. But to prove the same by demonstration, I shall refer the reader to the following figure, wherein the four different ways are laid down geometrically.



The outermost or biggest square marked A, B, C, D, represents the square without the circle, as mentioned by Mr. Hatton; and the square marked 1, 2, 3, 4, represents the square, that timber is reduced to by taking the fourth part of the girt: the four sides of that square being equal to the girt of the piece, which is the common way; and the square marked 5, 6, 7, 8, represents the side of the square inscribed, to which square every piece of timber must be reduced to, before it is brought to a proof edge.

Now let us suppose, that the side of the outermost square to be 42.3351, which is equal to the diameter of that circle (*by the figure*) whose circumference is 133, and the area of whose square will be found to be 1792.26, and the area of that circle whose diameter is 42.3351, will be found to be 1407.64. The area of that square whose four sides are equal to the circumference of that circle, which represents the girt of the piece, will be found to be 1105.56, and the area of the square inscribed, whose side will be equal to the side of that square, when the piece is brought to a proof edge, will be found to be 896.126. *Vide* the operations following, where the four different ways are wrought upon the forementioned piece, as for example.

And first the square without.

$$\begin{array}{r}
 42.3351 \\
 42.3351 \\
 \hline
 423351 \\
 2116755 \\
 1270053 \\
 1270053 \\
 846702 \\
 \hline
 1693404 \\
 1792.26 \\
 17.75 \\
 \hline
 896130 \\
 1254582 \\
 1254582 \\
 179226 \\
 \hline
 144) 31812.6150 \text{ (220.92 Feet.)} \\
 288 \\
 \hline
 301 \\
 288 \\
 \hline
 1326 \\
 1296 \\
 \hline
 301 \\
 288 \\
 \hline
 1350 \\
 1296 \\
 \hline
 (54)
 \end{array}$$

As a cylindar, which is the truth.

$$\begin{array}{r}
 42.3351 \\
 42.3351 \\
 \hline
 423351 \\
 2116755 \\
 1270053 \\
 1270053 \\
 846702 \\
 \hline
 1693404 \\
 1792.26 \\
 .785398 \\
 \hline
 1433808 \\
 1613034 \\
 537678 \\
 896130 \\
 1433808 \\
 1254582 \\
 \hline
 1407.64 \\
 17.75 \\
 \hline
 703820 \\
 985348 \\
 985348 \\
 140764 \\
 \hline
 144) 24985.6100 \text{ (173.51 Feet.)} \\
 144 \\
 \hline
 1058 \\
 1008 \\
 \hline
 505 \\
 432 \\
 \hline
 736 \\
 720 \\
 \hline
 161 \\
 144 \\
 \hline
 17
 \end{array}$$

The common, or customary way.

According to the square inscribed.

$$\begin{array}{r}
 33.25 \\
 33.25 \\
 \hline
 16625 \\
 6650 \\
 9975 \\
 9975 \\
 \hline
 1105.5625 \\
 17.75 \\
 \hline
 55278125 \\
 77389375 \\
 77389375 \\
 11055625 \\
 \hline
 114) 19623.734375 \text{ (136.28 Feet.} \\
 144 \\
 \hline
 522 \\
 432 \\
 \hline
 903 \\
 864 \\
 \hline
 397 \\
 288 \\
 \hline
 1093 \\
 1008 \\
 \hline
 (85)
 \end{array}$$

$$\begin{array}{r}
 42.3351 \\
 21.1675 \\
 21.1675 \\
 \hline
 1058375 \\
 1481725 \\
 1270050 \\
 211675 \\
 211675 \\
 \hline
 423350 \\
 448.0630 \\
 448.0630 \\
 \hline
 896.1260 \text{ The area of the} \\
 17.75 \text{ square inscribed.} \\
 \hline
 44806300 \\
 62728820 \\
 62728820 \\
 8961260 \\
 \hline
 144) 15906.236500 \text{ (110.459 Feet.} \\
 144 \\
 \hline
 150 \\
 144 \\
 \hline
 662 \\
 576 \\
 \hline
 863 \\
 720 \\
 \hline
 1436 \\
 1296 \\
 \hline
 (140)
 \end{array}$$

N. B. *An extraction was not necessary, because the area is found without finding the side, and if by extracting the area I had found the side, it must have been involved, which would have been the same.*

See the four different Contents.

Feet

220.92 Square without.

173.51 Cyllindar.

136.28 Common way.

110.46 Square inscribed.

So that it appears by the tablet, that a piece of timber measured at the square without, is double to one measured at the square within, or the square inscribed.

E X A M P L E.

220.92 Square without.

110.46 Square within, or inscribed.

110.46 The same remains.

220.92 When added, equal to the square without.

Now what remains, is to shew, why some sorts of timber ought to be bought and sold after one sort of measure, and some after another; but I can by no means agree to have timber measured at the square without, because it is certainly a most unreasonable practice, unless a competent abatement be made in the price.

As to timber measured, being reduced to a cylindar, has rule and reason to plead for it, because it must certainly begirt so much as it measures by its own capacity : so that timber, whether of our own growth or *exotic*, such as mast timber, fine ash for quartering, fit to make white hoops for the *cooper*, mahogany, cyprus, *lignum vitæ*, and all other *woods* and *timber*, when every part is applied to use, may reasonably be measured as a cylindar ; and as *navigation* increases, so undoubtedly mast timber will bear a considerable price.

As to common timber used in buildings, where there is a considerable waste to make it useful, I think the common way ought to have the preference, as it is almost a mean between the cylindar and the square inscribed, as has been seen before on this head : so that by this measure, there is some allowance to be made by the feller to the buyer for that part which is not so valuable as the other. And on the other side, there is an allowance to be made by the buyer to the feller, for that part he can make something of, more than pays the workman for hewing.

As to timber's being measured at the square inscribed (*as I said before on the square without*) I can by no means agree to ; for here the feller gives a considerable part of his timber away, nay, a considerable useful part : for it is certain, after a piece of timber is hewn and made fit for the pit, the second kerf produces useful stuff, whether for *building*, *planks*, or *boards* for *flooring*.

As to making allowances for bark, it is customary to cast away the eighth part of the mean girt for it ; but this method will by no means admit of certainty : for as for an old *oak*, *elm*, *ash*, *beech*, *abele*, *poplar*, or *walnut*, the allowance of an eighth part will be found too little ; as in fine young hasty growing *oak* and *ash*, &c. it will be found too much ; as I have more than once experienced, and have found that in a stick of *fifty* or *sixty* feet, it gives three or four feet more or less than the truth, which may be easily tried by a small *centre-bit*, which will make a clear perforation through the bark, so that the wood be laid bare : do this on the *north* and *south* sides of the tree, because of the inequality of the thickness of the bark : the bark being generally thicker on the *north*, than on the *south* side (*as the timber from the core on that side is generally the thinnest* :) girt the stick, and fold the line into three equal parts, which gives the diameter of the *stick* (*in this case near enough*) mark the girt and diameter, then take the depth of the two perforations, and take them from the diameter so marked upon the line, and triple it for the naked girt ; so that by casting away the eighth part of the gross girt for bark, and comparing it with the naked girt, will be found the error, whether more or less than the common practised method.

I may be thought too nice and critical upon this head ; but whoever will consider the value of *three* or *four* feet of timber, at *sixteen* or *eighteen* pence per foot, may not think me so, whether buyer or feller.

N. B. The bark of old sticks are commonly *rifty*, so that you are not to make the perforation in one of these, because in girting, the line goes over them.

The Circumference, or Girt in Inches.

Length in feet.	12	13	14	15	16	17	18	19	20	21	22	23	24
1	.08	.09	.11	.12	.14	.16	.18	.2	.22	.24	.27	.29	.32
2	.16	.18	.21	.25	.28	.32	.36	.4	.44	.49	.53	.58	.64
3	.24	.28	.32	.37	.42	.48	.54	.6	.66	.73	.81	.88	.96
4	.32	.37	.43	.50	.57	.64	.72	.8	.88	.98	1.07	1.17	1.28
5	.40	.47	.54	.62	.71	.80	.90	1.0	1.11	1.22	1.34	1.46	1.62
6	.48	.56	.65	.75	.85	.96	1.08	1.2	1.33	1.47	1.61	1.75	1.94
7	.56	.65	.76	.88	1.00	1.12	1.26	1.4	1.55	1.71	1.88	2.05	2.26
8	.64	.75	.87	1.00	1.13	1.28	1.44	1.6	1.77	1.96	2.15	2.35	2.58
9	.72	.85	.98	1.13	1.28	1.44	1.62	1.8	2.00	2.20	2.42	2.64	2.90
10	.80	.94	1.09	1.25	1.42	1.60	1.80	2.0	2.22	2.45	2.70	2.92	3.22
11	.88	1.03	1.20	1.38	1.56	1.76	1.98	2.2	2.44	2.70	2.96	3.23	3.54
12	.96	1.12	1.30	1.50	1.70	1.92	2.16	2.4	2.66	2.94	3.22	3.52	3.86
13	1.04	1.21	1.41	1.63	1.84	2.08	2.34	2.6	2.88	3.18	3.50	3.80	4.18
14	1.12	1.31	1.50	1.75	2.00	2.24	2.52	2.8	3.11	3.43	3.76	4.11	4.52
15	1.20	1.40	1.61	1.88	2.13	2.40	2.70	3.0	3.33	3.67	4.03	4.40	4.84
16	1.28	1.50	1.72	2.00	2.27	2.56	2.88	3.2	3.55	3.72	4.30	4.70	5.16
17	1.36	1.60	1.83	2.13	2.41	2.72	3.06	3.4	3.77	4.16	4.57	4.99	5.48
18	1.44	1.68	1.93	2.25	2.55	2.88	3.24	3.6	4.00	4.41	4.84	5.28	5.80
19	1.52	1.78	2.04	2.38	2.70	3.04	3.42	3.8	4.22	4.65	5.11	5.58	6.12
20	1.60	1.87	2.15	2.50	2.84	3.20	3.60	4.0	4.44	4.90	5.38	5.87	6.44
21	1.68	1.96	2.26	2.63	3.00	3.36	3.78	4.2	4.66	5.14	5.64	6.16	6.76
22	1.76	2.06	2.37	2.75	3.12	3.52	3.96	4.4	4.88	5.39	5.91	6.46	7.08
23	1.84	2.15	2.48	2.88	3.26	3.68	4.14	4.6	5.10	5.63	6.18	6.75	7.40
24	1.92	2.25	2.59	3.00	3.40	3.84	4.32	4.8	5.33	5.88	6.45	7.05	7.72
25	2.00	2.34	2.70	3.13	3.55	4.00	4.50	5.0	5.55	6.12	6.72	7.34	8.04
26	2.08	2.43	2.81	3.25	3.70	4.16	4.68	5.2	5.77	6.37	7.00	7.63	8.36
27	2.16	2.53	2.91	3.38	3.83	4.32	4.86	5.4	6.00	6.61	7.26	7.92	8.68
28	2.24	2.62	3.02	3.50	4.00	4.48	5.04	5.6	6.21	6.86	7.53	8.21	9.02
29	2.32	2.71	3.13	3.63	4.12	4.64	5.22	5.8	6.44	7.10	7.80	8.51	9.34
30	2.40	2.81	3.24	3.75	4.26	4.80	5.40	6.0	6.66	7.35	8.06	8.80	9.66
31	2.48	2.90	3.35	3.88	4.40	4.96	5.58	6.2	6.88	7.60	8.33	9.10	9.98
32	2.56	3.00	3.46	4.00	4.54	5.12	5.76	6.4	7.10	7.84	8.60	9.40	10.30
33	2.64	3.10	3.57	4.13	4.69	5.28	5.94	6.6	7.32	8.08	8.87	9.67	10.62
34	2.72	3.18	3.68	4.25	4.83	5.44	6.12	6.8	7.75	8.33	9.14	9.97	10.94
35	2.80	3.28	3.78	4.38	5.00	5.60	6.30	7.0	7.77	8.58	9.41	10.27	11.26
36	2.88	3.37	3.89	4.50	5.11	5.76	6.48	7.2	8.00	8.82	9.68	10.56	11.58
37	2.96	3.47	4.00	4.63	5.25	5.92	6.66	7.4	8.21	9.07	9.94	10.86	11.90
38	3.04	3.56	4.11	4.75	5.40	6.08	6.84	7.6	8.43	9.31	10.21	11.15	12.32
39	3.12	3.65	4.22	4.88	5.44	6.24	7.02	7.8	8.66	9.56	10.48	11.45	12.64
40	3.20	3.74	4.31	5.00	5.58	6.40	7.20	8.0	8.88	9.80	10.75	11.74	12.96
41	3.28	3.84	4.42	5.13	5.72	6.56	7.38	8.2	9.10	10.05	11.02	12.04	13.28
42	3.36	3.93	4.31	5.25	5.90	6.72	7.56	8.4	9.32	10.29	11.30	12.32	13.60
43	3.44	4.03	4.42	5.38	6.00	6.98	7.74	8.6	9.54	10.54	11.56	12.62	13.92
44	3.52	4.12	4.52	5.50	6.15	7.14	7.98	8.8	9.77	10.78	11.83	12.91	14.24
45	3.60	4.21	4.63	5.63	6.30	7.30	8.16	9.0	10.00	11.03	12.10	13.20	14.56
•25	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06	.07	.07	.08
•50	.04	.04	.05	.06	.07	.08	.09	.10	.11	.12	.13	.14	.16
•75	.06	.06	.08	.09	.10	.12	.13	.15	.16	.18	.20	.22	.24

The Circumference, or Girt in Inches.

Length in feet.	25	26	27	28	29	30	31	32	33	34	35	36
1	.34	.37	.40	.43	.46	.5	.53	.56	.60	.64	.68	.72
2	.69	.75	.81	.87	.93	1.0	1.06	1.13	1.21	1.28	1.36	1.44
3	1.04	1.12	1.21	1.30	1.40	1.5	1.60	1.70	1.81	1.92	2.04	2.16
4	1.38	1.50	1.62	1.74	1.86	2.0	2.13	2.27	2.42	2.56	2.72	2.88
5	1.73	1.87	2.00	2.17	2.33	2.5	2.66	2.84	3.02	3.21	3.40	3.60
6	2.08	2.25	2.41	2.61	2.80	3.0	3.20	3.41	3.63	3.85	4.08	4.32
7	2.43	2.62	2.81	3.04	3.27	3.5	3.73	3.98	4.23	4.49	4.76	5.04
8	2.77	3.00	3.22	3.48	3.73	4.0	4.27	4.55	4.84	5.13	5.44	5.76
9	3.12	3.37	3.62	3.91	4.20	4.5	4.80	5.11	5.44	5.77	6.12	6.48
10	3.47	3.75	4.03	4.35	4.67	5.0	5.33	5.68	6.05	6.42	6.80	7.20
11	3.81	4.13	4.43	4.79	5.13	5.5	5.87	6.25	6.65	7.06	7.48	7.92
12	4.16	4.50	4.84	5.22	5.60	6.0	6.40	6.82	7.26	7.70	8.16	8.64
13	4.51	4.88	5.24	5.66	6.07	6.5	6.93	7.39	7.86	8.34	8.84	9.36
14	4.86	5.25	5.65	6.09	6.54	7.0	7.47	7.96	8.47	8.98	9.52	10.08
15	5.20	5.63	6.05	6.53	7.00	7.5	8.00	8.53	9.07	9.63	10.20	10.80
16	5.55	6.00	6.46	6.96	7.47	8.0	8.54	9.10	9.68	10.27	10.88	11.52
17	5.90	6.38	6.80	7.40	7.94	8.5	9.07	9.66	10.28	10.91	11.56	12.24
18	6.24	6.75	7.21	7.83	8.40	9.0	9.60	10.23	10.89	11.55	12.24	12.96
19	6.59	7.13	7.61	8.27	8.87	9.5	10.14	10.80	11.49	12.19	12.92	13.68
20	6.94	7.51	8.02	8.71	9.34	10.0	10.67	11.37	12.10	12.84	13.60	14.40
21	7.29	7.88	8.42	9.14	9.81	10.5	11.20	11.94	12.70	13.48	14.28	15.12
22	7.63	8.26	8.83	9.58	10.27	11.0	11.74	12.51	13.31	14.12	14.96	15.84
23	7.98	8.63	9.23	10.01	10.74	11.5	12.27	13.08	13.91	14.76	15.64	16.56
24	8.33	9.01	9.64	10.45	11.21	12.0	12.81	13.65	14.52	15.41	16.32	17.28
25	8.68	9.38	10.04	10.88	11.68	12.5	13.34	14.22	15.12	16.05	17.00	18.00
26	9.02	9.76	10.45	11.32	12.14	13.0	13.87	14.78	15.73	16.69	17.68	18.72
27	9.37	10.13	10.85	11.75	12.61	13.5	14.41	15.35	16.33	17.33	18.36	19.44
28	9.72	10.51	11.26	12.19	13.08	14.0	14.94	15.92	16.94	17.97	19.04	20.16
29	10.06	10.88	11.66	12.62	13.54	14.5	15.48	16.49	17.54	18.62	19.72	20.88
30	10.41	11.26	12.07	13.06	14.01	15.0	16.01	17.06	18.15	19.26	20.40	21.60
31	10.76	11.64	12.47	13.50	14.48	15.5	16.54	17.63	18.75	19.90	21.08	22.32
32	11.11	12.01	12.88	13.93	14.95	16.0	17.08	18.20	19.36	20.54	21.76	23.04
33	11.45	12.39	13.28	14.37	15.41	16.5	17.61	18.77	19.96	21.18	22.44	23.76
34	11.80	12.76	13.69	14.80	15.88	17.0	18.14	19.33	20.57	21.83	23.12	24.48
35	12.15	13.14	14.09	15.24	16.35	17.5	18.68	19.90	21.17	22.47	23.80	25.20
36	12.49	13.51	14.50	15.67	16.81	18.0	19.21	20.47	21.78	23.11	24.48	25.92
37	12.84	13.89	14.90	16.11	17.28	18.5	19.75	21.04	22.38	23.75	25.16	26.64
38	13.19	14.26	15.31	16.54	17.75	19.0	20.28	21.61	22.99	24.39	25.84	27.36
39	13.54	14.64	15.71	16.98	18.22	19.5	20.81	22.18	23.59	25.04	26.52	28.08
40	13.88	15.02	16.12	17.41	18.68	20.0	21.35	22.75	24.20	25.68	27.20	28.80
41	14.23	15.39	16.52	17.85	19.15	20.5	21.88	23.32	24.80	26.32	27.88	29.52
42	14.58	15.77	16.93	18.29	19.62	21.0	22.41	23.88	25.41	26.96	28.56	30.24
43	14.92	16.14	17.33	18.72	20.08	21.5	22.95	24.45	26.01	27.61	29.24	30.96
44	15.27	16.52	17.74	19.16	20.55	22.0	23.48	25.02	26.62	28.25	29.92	31.68
45	15.62	16.89	18.10	19.59	21.02	22.5	24.02	25.59	27.22	28.89	30.60	32.40
.25	.08	.09	.10	.11	.11	.12	.13	.14	.15	.16	.17	.18
.50	.17	.18	.20	.22	.23	.25	.26	.28	.30	.32	.34	.36
.75	.25	.25	.30	.32	.34	.40	.42	.42	.45	.48	.51	.54

The Circumference, or Girt in Inches.

Length in feet.	37	38	39	40	41	42	43	44	45	46	47	48
1	.76	.82	.84	.88	.93	.98	1.02	1.07	1.12	1.17	1.22	1.28
2	1.52	1.64	1.69	1.77	1.86	1.96	2.05	2.15	2.25	2.35	2.44	2.56
3	2.28	2.46	2.53	2.66	2.80	2.94	3.08	3.22	3.37	3.52	3.66	3.84
4	3.04	3.28	3.38	3.55	3.73	3.92	4.10	4.30	4.50	4.70	4.88	5.12
5	3.80	4.11	4.22	4.44	4.66	4.90	5.13	5.37	5.62	5.87	6.10	6.40
6	4.56	4.93	5.07	5.33	5.60	5.88	6.16	6.45	6.75	7.05	7.32	7.68
7	5.32	5.75	5.91	6.22	6.53	6.86	7.19	7.52	7.87	8.22	8.54	8.96
8	6.08	6.57	6.76	7.11	7.47	7.84	8.21	8.60	9.00	9.40	9.76	10.24
9	6.84	7.39	7.60	7.99	8.40	8.82	9.24	9.67	10.12	10.57	10.98	11.52
10	7.60	8.22	8.45	8.88	9.33	9.80	10.27	10.75	11.25	11.75	12.20	12.80
11	8.36	9.04	9.29	9.77	10.27	10.78	11.29	11.83	12.37	12.93	13.42	14.08
12	9.12	9.86	10.14	10.66	11.20	11.76	12.32	12.90	13.50	14.10	14.64	15.36
13	9.88	10.68	10.98	11.55	12.13	12.74	13.35	13.98	14.62	15.28	15.86	16.64
14	10.64	11.51	11.83	12.44	13.07	13.72	14.38	15.05	15.75	16.45	17.08	17.92
15	11.40	12.33	12.67	13.33	14.00	14.70	15.40	16.13	16.87	17.63	18.31	19.20
16	12.16	13.15	13.52	14.22	14.94	15.68	16.43	17.20	18.00	18.80	19.53	20.48
17	12.92	13.97	14.36	15.10	15.87	16.66	17.46	18.28	19.12	19.98	20.75	21.76
18	13.68	14.79	15.21	15.99	16.80	17.64	18.48	19.35	20.25	21.15	21.97	23.04
19	14.44	15.62	16.05	16.88	17.74	18.62	19.51	20.43	21.37	22.33	23.19	24.32
20	15.22	16.44	16.90	17.77	18.67	19.60	20.44	21.51	22.50	23.51	24.41	25.60
21	15.96	17.26	17.74	18.60	19.60	20.58	21.46	22.58	23.60	24.68	25.63	26.88
22	16.72	18.08	18.59	19.55	20.54	21.56	22.48	23.66	24.75	25.86	26.85	28.16
23	17.48	18.91	19.43	20.44	21.47	22.54	23.50	24.73	25.87	27.03	28.07	29.44
24	18.24	19.73	20.28	21.33	22.41	23.52	24.52	25.81	27.00	28.21	29.29	30.72
25	19.00	20.55	21.12	22.22	23.34	24.50	25.54	26.88	28.12	29.38	30.51	32.00
26	19.76	21.37	21.97	23.10	24.27	25.48	26.56	27.96	29.25	30.56	31.73	33.28
27	20.52	22.19	22.81	23.99	25.21	26.46	27.58	29.03	30.37	31.73	32.95	34.56
28	21.28	23.02	23.66	24.88	26.14	27.44	28.61	30.11	31.50	32.91	34.17	35.84
29	22.04	23.84	24.50	25.77	27.08	28.42	29.63	31.18	32.62	34.08	35.40	37.12
30	22.80	24.66	25.35	26.60	28.01	29.40	30.65	32.26	33.75	35.26	36.62	38.40
31	23.56	25.48	26.19	27.55	28.94	30.38	31.67	33.34	34.87	36.44	37.84	39.68
32	24.32	26.31	27.04	28.44	29.88	31.36	32.69	34.41	36.00	37.61	39.06	40.96
33	25.08	27.13	27.86	29.33	30.81	32.34	33.72	35.49	37.12	38.79	40.28	42.24
34	25.84	27.95	28.73	30.21	31.74	33.32	34.74	36.56	38.25	39.96	41.50	43.52
35	26.60	28.77	29.57	31.10	32.68	34.30	35.76	37.64	39.37	41.14	42.72	44.80
36	27.36	29.59	30.42	31.99	33.61	35.28	36.78	38.71	40.50	42.31	43.94	46.08
37	28.12	30.42	31.26	32.88	34.55	36.26	37.80	39.79	41.62	43.49	45.16	47.36
38	28.88	31.24	32.11	33.77	35.48	37.24	38.82	40.86	42.75	44.66	46.38	48.64
39	29.64	32.06	33.80	34.60	36.41	38.22	39.85	41.94	43.87	45.84	47.60	49.92
40	30.40	32.88	34.64	35.55	37.35	39.20	40.87	43.01	45.00	47.02	48.82	51.20
41	31.16	33.71	35.49	36.44	38.28	40.18	41.89	44.09	46.12	48.19	50.04	52.48
42	31.92	34.53	36.35	37.31	39.21	41.16	42.91	45.17	47.25	49.37	51.26	53.76
43	32.68	35.35	37.18	38.27	40.15	42.14	43.93	46.24	48.37	50.54	52.49	55.04
44	33.44	36.17	38.02	39.10	41.08	43.12	44.96	47.32	49.50	51.72	53.71	56.32
45	34.20	36.99	38.87	39.9	42.02	44.10	46.00	48.39	50.62	52.89	54.93	57.60
.25	.19	.20	.21	.22	.23	.24	.25	.27	.28	.29	.30	.32
.50	.38	.41	.42	.44	.46	.49	.51	.53	.56	.58	.61	.64
.75	.57	.61	.63	.66	.70	.73	.76	.80	.84	.88	.91	.96

The Circumference, or Girt in Inches.

Length in feet.	49	50	51	52	53	54	55	56	57	58	59	60
1	1.32	1.38	1.44	1.50	1.55	1.62	1.68	1.74	1.78	1.86	1.93	2.
2	2.65	2.77	2.88	3.00	3.11	3.24	3.36	3.48	3.56	3.71	3.86	4.
3	4.00	4.16	4.33	4.50	4.66	4.86	5.04	5.22	5.34	5.57	5.79	6.
4	5.30	5.55	5.77	6.00	6.22	6.48	6.72	6.96	7.12	7.43	7.73	8.
5	6.63	6.94	7.22	7.51	7.77	8.10	8.40	8.71	8.90	9.29	9.66	10.
6	7.96	8.32	8.66	9.01	9.33	9.72	10.08	10.45	10.68	11.15	11.59	12.
7	9.28	9.71	10.10	10.51	10.88	11.34	11.76	12.19	12.46	13.01	13.53	14.
8	10.61	11.10	11.55	12.01	12.44	12.96	13.44	13.93	14.24	14.87	15.46	16.
9	11.94	12.49	12.99	13.51	13.99	14.58	15.12	15.67	16.02	16.73	17.39	18.
10	13.26	13.88	14.44	15.02	15.55	16.20	16.80	17.42	17.80	18.59	19.33	20.
11	14.59	15.26	15.88	16.52	17.10	17.82	18.48	19.16	19.58	20.45	21.26	22.
12	15.92	16.65	17.32	18.02	18.66	19.44	20.16	20.90	21.36	22.30	23.19	24.
13	17.24	18.04	18.77	19.52	20.21	21.06	21.84	22.64	23.14	24.16	25.12	26.
14	18.57	19.43	20.21	21.02	21.77	22.68	23.52	24.38	24.92	26.02	27.06	28.
15	19.90	20.82	21.66	22.53	23.32	24.30	25.20	26.13	26.70	27.88	28.99	30.
16	21.22	22.20	23.10	24.03	24.88	25.92	26.88	27.87	28.48	29.74	30.92	32.
17	22.25	23.59	24.54	25.53	26.43	27.54	28.56	29.61	30.26	31.60	32.86	34.
18	23.88	24.98	25.99	27.03	27.99	29.16	30.24	31.35	32.04	33.46	34.79	36.
19	25.20	26.37	27.43	28.53	29.44	30.78	31.92	33.09	33.82	35.32	36.72	38.
20	26.53	27.76	28.88	30.04	31.10	32.40	33.60	34.84	35.60	37.18	38.66	40.
21	27.86	29.14	30.32	31.54	32.65	34.02	35.28	36.58	37.38	39.04	40.59	42.
22	29.18	30.53	31.76	33.04	34.21	35.64	36.96	38.32	39.16	40.89	42.52	44.
23	30.51	31.92	33.21	34.54	35.76	37.26	38.64	40.06	40.94	42.75	44.45	46.
24	31.84	33.31	34.65	36.04	37.32	38.88	40.32	41.80	42.72	44.61	46.39	48.
25	33.17	34.70	36.10	37.55	38.87	40.50	42.00	43.55	44.50	46.47	48.32	50.
26	34.49	36.08	37.54	39.05	40.43	42.12	43.68	45.29	46.28	48.33	50.25	52.
27	35.82	37.47	38.98	40.55	41.98	43.74	45.36	47.03	48.06	50.19	52.19	54.
28	37.15	38.86	40.43	42.05	43.54	45.36	47.04	48.77	49.84	52.05	54.12	56.
29	38.47	40.25	41.87	43.55	45.09	46.98	48.72	50.51	51.62	53.91	56.05	58.
30	39.80	41.64	43.32	45.06	46.65	48.60	50.40	52.26	53.40	55.77	57.99	60.
31	41.13	43.02	44.76	46.56	48.20	50.22	52.08	54.00	55.18	57.63	59.92	62.
32	42.45	44.41	46.20	48.06	49.76	51.84	53.76	55.74	56.96	59.48	61.85	64.
33	43.78	45.80	47.65	49.56	51.31	53.46	55.44	57.48	58.74	61.34	63.78	66.
34	45.11	47.19	49.09	51.06	52.87	55.08	57.12	59.22	60.52	63.20	65.72	68.
35	46.43	48.58	50.54	52.57	54.42	56.70	58.80	60.97	62.30	65.06	67.65	70.
36	47.76	49.96	51.98	54.07	55.98	58.32	60.48	62.71	64.08	66.92	69.58	72.
37	49.09	51.35	53.42	55.57	57.53	59.94	62.16	64.45	65.86	68.78	71.52	74.
38	50.41	52.74	54.87	57.07	59.09	61.56	63.84	66.19	67.64	70.64	73.45	76.
39	51.74	54.13	56.31	58.57	60.64	63.18	65.52	67.93	69.42	72.50	75.38	78.
40	53.07	55.52	57.76	60.08	62.20	64.80	67.20	69.68	71.20	74.36	77.32	80.
41	54.39	56.90	59.20	61.58	63.75	66.42	68.88	71.42	72.98	76.22	79.25	82.
42	55.72	58.29	60.64	63.08	65.31	68.04	70.56	73.16	74.76	78.07	81.19	84.
43	57.05	59.68	62.09	64.58	66.86	69.66	72.24	74.90	76.54	79.93	83.11	86.
44	58.37	61.07	63.53	66.08	68.42	71.28	73.92	76.64	78.32	81.79	85.05	88.
45	59.70	62.46	64.98	67.59	69.97	72.90	75.60	78.39	80.10	83.65	86.98	90.
25	.33	.34	.36	.37	.39	.40	.42	.43	.44	.46	.48	.50
50	.66	.69	.72	.75	.77	.81	.84	.86	.89	.93	.96	1.00
75	1.00	1.03	1.08	1.12	1.16	1.21	1.26	1.29	1.33	1.39	1.45	1.50

The Circumference, or Girt in Inches.

Length in feet.	61	62	63	64	65	66	67	68	69	70
1	2.06	2.13	2.20	2.27	2.33	2.41	2.49	2.55	2.63	2.70
2	4.13	4.26	4.40	4.54	4.66	4.82	4.98	5.10	5.26	5.41
3	6.20	6.40	5.61	6.81	7.00	7.23	7.47	7.65	7.89	8.12
4	8.26	8.53	8.81	9.08	9.33	9.64	9.96	10.20	10.53	10.83
5	10.33	10.67	11.02	11.35	11.66	12.06	12.46	12.75	13.16	13.54
6	12.40	12.80	13.22	13.62	14.00	14.47	14.95	15.30	15.79	16.24
7	14.46	14.93	15.42	15.89	16.33	16.88	17.44	17.85	18.43	18.95
8	16.53	17.07	17.63	18.16	18.66	19.29	19.93	20.40	21.06	21.66
9	18.60	19.20	19.83	20.43	21.00	21.70	22.42	22.95	23.69	24.37
10	20.67	21.34	22.04	22.70	23.33	24.12	24.92	25.50	26.33	27.08
11	22.73	23.47	24.24	24.97	25.67	26.53	27.41	27.05	28.96	29.78
12	24.80	25.60	26.44	27.24	28.00	28.94	29.90	29.60	31.59	32.49
13	26.87	27.74	28.65	29.51	30.33	31.35	32.39	32.15	34.22	35.20
14	28.93	29.87	30.85	31.78	32.67	33.76	34.88	35.70	36.68	37.91
15	31.00	32.01	33.06	34.05	35.00	36.18	37.38	38.25	39.49	40.62
16	33.07	34.14	35.26	36.32	37.34	38.59	39.87	40.80	42.12	43.32
17	35.13	36.27	37.46	38.59	39.67	41.00	42.36	43.35	44.76	46.03
18	37.20	38.41	39.67	40.86	42.00	43.41	44.85	45.90	47.39	48.74
19	39.27	40.54	41.87	43.13	44.34	45.82	47.34	48.45	50.02	51.45
20	41.34	42.68	44.08	45.40	46.67	48.24	49.84	51.00	52.60	54.16
21	43.40	44.81	46.28	47.67	49.00	50.65	52.33	53.55	55.29	57.86
22	45.47	46.94	48.48	49.94	51.34	53.06	54.81	56.10	57.92	60.57
23	47.54	49.08	50.69	52.21	53.67	55.47	57.30	58.65	60.55	63.28
24	49.60	51.21	52.89	54.48	56.00	57.88	59.76	61.21	63.19	65.99
25	51.67	53.35	55.10	56.75	58.34	60.30	62.25	63.75	65.82	68.70
26	53.74	55.48	57.30	59.02	60.67	62.71	64.78	66.30	68.45	70.40
27	55.80	57.61	59.50	61.29	63.01	65.12	67.26	68.85	71.09	73.11
28	57.87	59.75	61.71	63.56	65.34	67.53	69.74	71.40	73.72	75.82
29	59.94	61.88	63.91	65.83	67.67	69.94	72.22	73.95	76.35	78.53
30	62.01	64.02	66.12	68.10	70.01	72.36	74.70	76.50	78.99	81.24
31	64.07	66.15	68.32	70.37	72.34	74.77	77.18	79.05	81.62	83.94
32	66.14	68.28	70.52	72.64	74.67	77.18	79.66	81.60	84.25	86.65
33	68.21	70.42	72.73	74.91	77.01	79.59	82.14	84.15	86.88	89.36
34	70.27	72.55	74.93	77.18	79.34	82.00	84.62	86.70	89.52	92.07
35	72.34	74.69	77.14	79.45	81.68	84.42	87.10	89.25	92.15	94.78
36	74.41	76.82	79.34	81.72	84.01	86.83	89.58	91.80	94.78	97.48
37	76.47	78.95	81.54	83.99	86.34	89.24	92.06	94.35	97.42	100.19
38	78.54	81.09	83.75	86.26	88.08	91.65	94.54	96.90	100.05	102.90
39	80.61	83.22	85.95	88.53	91.01	94.06	97.03	99.45	102.68	105.61
40	82.68	85.36	88.16	90.80	93.34	96.48	99.51	102.00	105.32	108.32
41	84.74	87.49	90.36	93.07	95.68	98.89	101.99	104.55	107.95	111.02
42	86.81	89.62	92.56	95.34	98.01	101.30	104.47	107.10	110.58	113.73
43	88.88	91.76	94.77	97.61	100.34	103.71	106.91	109.65	113.21	116.44
44	90.94	93.89	96.97	99.88	102.68	106.12	109.39	112.20	115.85	119.15
45	93.01	96.03	99.18	102.15	105.01	108.54	111.87	114.75	118.48	121.86
.25	.51	.56	.55	.57	.58	.60	.62	.64	.66	.67
.50	1.03	1.10	1.10	1.13	1.16	1.20	1.24	1.27	1.31	1.35
.75	1.54	1.57	1.65	1.70	1.74	1.81	1.86	1.91	1.97	2.02

The Circumference, or Girt in Inches.

Length in feet.	71	72	73	74	75	76	77	78	79	80
1	2.78	2.86	2.94	3.02	3.10	3.19	3.27	3.36	3.44	3.53
2	5.57	5.72	5.88	6.05	6.21	6.38	6.55	6.72	6.89	7.07
3	8.35	8.59	8.82	9.07	9.32	9.57	9.82	10.08	10.34	10.60
4	11.14	11.45	11.76	12.10	12.43	12.76	13.10	13.44	13.79	14.14
5	13.92	14.32	14.70	15.13	15.54	15.96	16.83	16.81	17.24	17.68
6	16.71	17.18	17.64	18.15	18.65	19.15	19.65	20.17	20.69	21.21
7	19.50	20.05	20.58	21.18	21.75	22.34	22.93	23.53	24.14	24.75
8	22.28	22.91	23.52	24.20	24.86	25.53	26.21	26.89	27.59	28.28
9	25.07	25.78	26.46	27.23	27.97	28.72	29.48	30.25	31.04	31.82
10	27.85	28.64	29.40	30.26	31.08	31.92	32.76	33.62	34.49	35.36
11	30.64	31.51	32.34	33.28	34.19	35.11	36.04	36.98	37.93	38.89
12	33.42	34.37	35.28	36.31	37.30	38.30	39.31	40.34	41.38	42.43
13	36.21	37.24	38.22	39.34	40.40	41.49	42.59	43.70	44.83	45.96
14	39.00	40.10	41.16	42.36	43.51	44.68	45.87	47.07	48.28	49.50
15	41.78	42.97	44.10	45.39	46.62	47.88	49.14	50.43	51.73	53.04
16	44.57	45.83	47.04	48.41	49.73	51.07	52.42	53.79	55.18	56.57
17	47.35	48.70	49.98	51.44	52.84	54.26	55.70	57.17	58.63	60.11
18	50.14	51.56	52.96	54.47	55.95	57.45	58.97	60.51	62.08	63.64
19	52.93	54.43	55.86	57.49	59.05	60.64	62.25	63.88	65.53	67.18
20	55.71	57.29	58.80	60.52	62.16	63.84	65.53	67.24	68.98	70.72
21	58.50	60.16	61.74	63.55	65.27	67.03	68.80	70.60	72.42	74.25
22	61.28	63.02	64.68	66.57	68.38	70.22	72.08	73.96	75.87	77.79
23	64.07	65.89	67.62	69.60	71.49	73.41	75.35	77.33	79.32	81.32
24	66.85	68.75	70.56	72.62	74.60	76.60	78.63	80.64	82.77	84.86
25	69.64	71.62	73.50	75.65	77.71	79.80	81.91	84.05	86.22	88.40
26	72.43	74.48	76.44	78.68	80.81	82.99	85.18	87.41	89.67	91.93
27	75.21	77.34	79.38	81.70	83.92	86.18	88.46	90.77	93.12	95.47
28	78.00	80.21	82.32	84.73	87.03	89.37	91.74	94.14	96.57	99.00
29	80.78	83.07	85.26	87.75	90.14	92.56	95.01	97.50	100.02	102.54
30	83.57	85.94	88.20	90.78	93.25	95.76	98.29	100.86	103.47	106.08
31	86.35	88.80	91.14	93.81	96.36	98.95	101.57	104.22	106.91	109.61
32	89.14	91.67	94.08	96.83	99.46	102.14	104.84	107.59	110.36	113.15
33	91.93	94.53	97.02	99.86	102.57	105.33	108.12	110.95	113.81	116.68
34	94.71	97.40	99.96	102.89	105.68	108.52	111.40	114.31	117.26	120.22
35	97.50	100.26	102.90	105.91	108.79	111.72	114.67	117.67	120.71	123.76
36	100.28	103.13	105.84	108.94	111.90	114.91	117.95	121.03	124.16	127.29
37	103.07	105.99	108.78	111.96	115.01	118.10	121.23	124.40	127.61	130.83
38	105.86	108.86	111.72	114.99	118.11	121.30	124.50	127.76	131.06	134.36
39	108.64	111.72	114.66	118.02	121.22	124.49	127.78	131.12	134.51	137.90
40	111.43	114.59	117.60	121.04	124.33	127.68	131.06	134.48	137.96	141.44
41	114.21	117.45	120.54	124.07	127.44	130.87	134.33	137.85	141.40	144.97
42	117.00	120.32	123.48	127.10	130.55	134.06	137.61	141.21	144.85	148.51
43	119.78	123.18	126.42	130.12	133.66	137.26	140.88	145.57	148.30	152.04
44	122.57	126.05	129.36	133.15	136.76	140.45	144.16	147.93	151.75	155.58
45	125.36	128.91	132.30	136.17	139.87	143.64	147.44	151.29	155.20	159.12
25	.69	.70	.73	.75	.77	.79	.82	.84	.86	.88
50	1.39	1.43	1.47	1.51	1.55	1.59	1.63	1.68	1.72	1.76
75	2.08	2.16	2.20	2.26	2.32	2.38	2.45	2.52	2.58	2.64

The Circumference, or Girt in Inches.

Length in feet.	81	82	83	84	85	86	87	88	89	90
1	3.62	3.71	3.80	3.89	3.99	4.08	4.18	4.28	4.37	4.47
2	7.25	7.43	7.61	7.79	7.98	8.17	8.36	8.57	8.74	8.95
3	10.87	11.14	11.42	11.69	11.97	12.26	12.54	12.85	13.12	13.42
4	14.50	14.86	15.22	15.59	15.96	16.34	16.72	17.14	17.49	17.90
5	18.12	18.57	19.03	19.49	19.96	20.43	20.90	21.42	21.87	22.38
6	21.75	22.29	22.84	23.39	23.95	24.52	25.08	25.71	26.24	26.85
7	25.37	26.00	26.64	27.29	27.94	28.60	29.26	29.99	30.61	31.33
8	29.00	29.72	30.45	31.19	31.93	32.69	33.44	34.28	34.99	35.80
9	32.62	33.43	34.26	35.09	35.92	36.78	37.62	38.56	39.36	40.28
10	36.25	37.15	38.07	38.99	39.92	40.87	41.81	42.85	43.74	44.76
11	39.87	40.86	41.87	42.88	43.91	44.95	45.99	47.13	48.11	49.23
12	43.50	44.58	45.68	46.78	47.90	49.04	50.17	51.42	52.48	53.71
13	47.12	48.29	49.49	50.68	51.89	53.13	54.53	55.70	56.86	58.18
14	50.75	52.01	53.29	54.58	55.88	57.21	58.53	59.99	61.23	62.66
15	54.37	55.72	57.10	58.43	59.88	61.30	62.71	64.27	65.61	67.14
16	58.00	59.44	60.91	62.38	63.87	65.39	66.89	68.56	69.98	71.61
17	61.62	63.15	64.71	66.28	67.86	69.47	71.07	72.84	74.35	76.09
18	65.25	66.87	68.52	70.18	71.85	73.56	75.25	77.13	78.73	80.56
19	68.87	70.58	72.33	74.08	75.84	77.65	79.43	81.41	83.10	85.04
20	72.50	74.30	76.14	77.98	79.84	81.74	83.62	85.70	87.48	89.52
21	76.12	78.01	79.94	81.87	83.83	85.82	87.80	89.98	91.85	94.99
22	79.75	81.73	83.75	85.77	87.82	89.91	91.98	94.27	96.22	98.47
23	83.37	85.44	87.56	89.67	91.81	94.00	96.16	98.55	100.60	102.94
24	87.00	89.16	91.36	93.57	95.80	98.08	100.34	102.84	104.97	107.42
25	90.62	92.87	95.17	97.47	99.80	102.17	104.52	107.12	109.35	111.90
26	94.25	96.59	98.98	101.37	103.79	106.26	108.70	111.41	113.72	116.37
27	97.87	100.30	102.78	105.27	107.78	110.34	112.88	115.69	118.09	120.85
28	101.50	104.02	106.59	109.17	111.77	114.43	117.06	119.98	122.47	125.32
29	105.12	107.73	110.40	113.07	115.76	118.52	121.24	124.26	126.84	129.80
30	108.75	111.45	114.21	116.97	119.76	122.61	125.43	128.55	131.22	134.28
31	112.37	115.16	118.01	120.86	123.75	126.69	129.61	132.83	135.56	138.75
32	116.00	118.88	121.82	124.76	127.74	130.78	133.79	137.12	139.96	143.23
33	119.62	122.59	125.63	128.66	131.73	134.87	137.97	141.40	144.34	147.70
34	123.25	126.31	129.43	132.56	135.72	138.95	142.15	145.69	148.71	152.18
35	126.87	130.02	133.24	136.46	139.72	143.04	146.33	149.97	153.09	156.66
36	130.50	133.74	137.05	140.36	143.71	147.13	150.51	154.26	157.46	161.13
37	134.12	137.45	140.85	144.26	147.70	151.21	154.69	158.54	161.83	165.61
38	137.75	141.17	144.66	148.16	151.69	155.30	158.87	162.83	166.21	170.08
39	141.37	144.88	148.47	152.06	155.68	159.39	162.05	167.11	170.58	174.56
40	145.00	148.60	152.28	155.96	159.68	163.48	167.24	171.40	174.96	179.04
41	148.62	152.31	156.08	159.85	163.67	167.56	171.42	175.68	179.33	183.51
42	152.25	156.03	159.89	163.75	167.66	171.65	175.60	179.97	183.70	187.99
43	155.87	159.74	163.70	167.65	171.65	175.74	179.78	184.25	188.08	192.46
44	159.50	163.46	167.50	171.55	175.64	179.82	183.96	188.54	192.45	196.94
45	163.12	167.17	171.31	175.45	179.64	183.91	188.14	192.82	196.83	201.42
25	.90	.92	.95	.97	1.00	1.02	1.04	1.07	1.09	1.12
50	1.81	1.85	1.90	1.94	1.99	2.04	2.09	2.14	2.13	2.23
75	2.71	2.78	2.85	2.91	2.99	3.06	3.13	3.21	3.22	3.35

The Circumference, or Girt in Inches.

Length in feet.	91	92	93	94	95	96	97	98	99	100
1	4.57	4.67	4.77	4.88	4.98	5.09	5.19	5.30	5.41	5.52
2	9.15	9.35	9.55	9.76	9.97	10.18	10.39	10.61	10.82	11.04
3	13.72	14.03	14.33	14.64	14.96	15.27	15.59	15.92	16.23	16.56
4	18.30	18.70	19.11	19.53	19.94	20.37	20.79	21.22	21.64	22.08
5	22.88	23.38	23.89	24.41	24.93	25.46	25.99	26.53	27.05	27.60
6	27.45	28.06	28.67	29.29	29.92	30.55	31.19	31.84	32.46	33.12
7	32.03	32.73	33.45	34.18	34.90	35.65	36.39	37.14	37.87	38.64
8	36.60	37.41	38.23	39.06	39.89	40.74	41.59	42.45	43.28	44.16
9	41.18	42.09	43.01	43.94	44.88	45.83	46.79	47.76	48.69	49.68
10	45.76	46.77	47.79	48.83	49.87	50.93	51.99	53.07	54.10	55.20
11	50.33	51.44	52.56	53.71	54.85	56.02	57.18	58.37	59.51	60.72
12	54.91	56.12	57.34	58.59	59.84	61.11	62.38	63.68	64.92	66.24
13	59.48	60.80	62.12	63.47	64.83	66.20	67.58	68.99	70.33	71.76
14	64.06	65.47	66.90	68.36	69.81	71.30	72.78	74.29	75.74	77.28
15	68.64	70.15	71.68	73.24	74.80	76.39	77.98	79.60	81.15	82.80
16	73.21	74.83	76.46	78.12	79.79	81.48	83.18	84.91	86.56	88.32
17	77.79	79.50	81.24	83.01	84.77	86.58	88.38	90.21	91.98	93.84
18	82.36	84.18	86.02	87.89	89.76	91.67	93.58	95.52	97.39	99.36
19	86.94	88.86	90.80	92.77	94.75	96.76	98.78	100.83	102.80	104.88
20	91.52	93.54	95.58	97.66	99.74	101.86	103.98	106.14	108.21	110.40
21	96.09	98.21	100.35	102.54	104.72	106.95	109.17	111.44	113.62	115.92
22	100.67	102.87	105.13	107.42	109.71	112.04	114.37	116.75	119.03	121.44
23	105.24	107.57	109.91	112.30	114.70	117.13	119.57	122.06	124.44	126.96
24	109.82	112.24	114.69	117.19	119.68	122.23	124.77	127.36	129.85	132.48
25	114.40	116.92	119.47	122.07	124.67	127.32	129.97	132.67	135.26	138.00
26	118.97	121.60	124.25	126.95	129.66	132.41	135.17	137.98	140.67	143.52
27	123.55	126.27	129.03	131.84	134.64	137.51	140.37	143.28	146.08	149.04
28	128.12	130.95	133.81	136.72	139.63	142.60	145.57	148.59	151.49	154.56
29	132.70	135.63	138.59	141.60	144.62	147.69	150.77	153.90	156.90	160.08
30	137.28	140.31	143.37	146.49	149.61	152.79	155.97	159.21	162.31	165.60
31	141.85	144.98	148.14	151.37	154.59	157.88	161.16	164.51	167.72	171.12
32	146.43	149.66	152.92	156.25	159.58	162.97	166.36	169.82	173.13	176.64
33	151.00	154.44	157.70	161.13	164.57	168.06	171.56	175.13	178.54	182.16
34	155.58	159.01	162.48	166.02	169.55	173.16	176.76	180.43	183.96	187.68
35	160.16	163.69	167.26	170.90	174.54	178.25	181.96	185.74	189.37	193.20
36	164.73	168.37	172.04	175.78	179.53	183.34	187.16	191.05	194.78	198.72
37	169.31	173.04	176.82	180.67	184.51	188.44	192.36	196.35	200.19	204.24
38	173.88	177.72	181.60	185.55	189.50	193.53	197.56	201.66	205.60	209.76
39	178.46	182.40	186.38	190.43	194.49	198.62	202.76	206.97	211.01	215.28
40	183.04	187.08	191.16	195.32	199.48	203.72	207.96	212.28	216.42	220.80
41	187.61	191.75	195.93	200.20	204.46	208.81	213.15	217.58	221.83	226.32
42	192.19	196.43	200.71	205.08	209.45	213.90	218.35	222.89	227.24	231.84
43	196.76	201.11	205.49	209.96	214.44	218.99	223.55	228.20	232.65	237.36
44	201.34	205.78	210.27	214.85	219.42	224.09	228.75	233.50	238.06	242.88
45	205.92	210.46	215.05	219.73	224.41	229.18	233.95	238.81	243.47	248.40
·25	1.14	1.17	1.19	1.22	1.24	1.27	1.29	1.32	1.35	1.38
·50	2.28	2.33	2.34	2.44	2.44	2.05	2.59	2.65	2.70	2.76
·75	3.42	3.50	3.59	3.66	3.68	3.32	3.88	3.97	4.06	4.14

The Circumference, or Girt in Inches.

Length in feet.	101	102	103	104	105	106	107	108	109	110
1	5.63	5.74	5.86	5.97	6.09	6.20	6.32	6.44	6.56	6.68
2	11.27	11.49	11.72	11.95	12.18	12.41	12.65	12.89	13.13	13.37
3	16.91	17.24	17.58	17.93	18.27	18.62	18.98	19.33	19.69	20.06
4	22.54	22.99	23.44	23.90	24.36	24.83	25.30	25.78	26.26	26.74
5	28.18	28.74	29.31	29.88	30.46	31.04	31.63	32.23	32.82	33.43
6	33.82	34.49	35.17	35.86	36.55	37.25	37.96	38.67	39.39	40.12
7	39.45	40.24	41.03	41.83	42.64	43.46	44.28	45.12	45.96	46.80
8	45.09	45.99	46.89	47.81	48.73	49.67	50.61	51.56	52.52	53.49
9	50.73	51.74	52.75	53.79	54.82	55.88	56.94	58.01	59.09	60.18
10	56.37	57.49	58.62	59.77	60.92	62.09	63.27	64.45	65.65	66.86
11	62.00	63.23	64.48	65.74	67.01	68.29	69.59	70.90	72.22	73.55
12	67.64	68.98	70.34	71.72	73.10	74.50	75.92	77.35	78.79	80.24
13	73.28	74.73	76.20	77.70	79.19	80.71	82.25	83.79	85.35	86.92
14	78.91	80.48	82.06	83.67	85.28	86.92	88.57	90.24	91.92	93.61
15	84.55	86.23	87.93	89.65	91.38	93.13	94.90	96.68	98.48	100.30
16	90.19	91.98	93.79	95.63	97.47	99.34	101.23	103.13	105.05	106.99
17	95.82	97.73	99.65	101.60	103.56	105.55	107.55	109.58	111.62	113.67
18	101.46	103.48	105.51	107.58	109.65	111.76	113.88	116.02	118.18	120.36
19	107.10	109.23	111.37	113.56	115.74	117.97	120.21	122.47	124.75	127.05
20	112.74	114.98	117.24	119.54	121.84	124.18	126.54	128.91	131.31	133.73
21	118.37	120.72	123.10	125.51	127.93	130.38	132.86	135.36	137.88	140.42
22	124.01	126.47	128.96	131.49	134.02	136.59	139.19	141.80	144.44	147.11
23	129.65	132.22	134.82	137.47	140.11	142.80	145.52	148.25	151.01	153.80
24	135.28	137.97	140.68	143.44	146.20	149.01	151.84	154.70	157.58	160.48
25	140.92	143.72	146.55	149.42	152.30	155.22	158.17	161.14	164.14	167.17
26	146.56	149.47	152.41	155.40	158.39	161.43	164.50	167.59	170.71	173.86
27	152.19	155.22	158.27	161.37	164.48	167.64	170.82	174.03	177.27	180.54
28	157.83	160.97	164.13	167.35	170.57	173.85	177.15	180.48	183.84	187.23
29	163.47	166.72	170.00	173.33	176.66	180.06	183.48	186.93	190.41	193.92
30	169.11	172.47	175.86	179.31	182.76	186.27	189.81	193.37	196.97	200.60
31	174.74	178.21	181.72	185.28	188.85	192.47	196.13	199.82	203.54	207.29
32	180.38	183.96	187.58	191.26	194.94	198.68	202.46	206.26	210.10	213.98
33	186.02	189.71	193.44	197.24	201.03	204.89	208.79	212.71	216.67	220.66
34	191.65	195.46	199.30	203.21	207.12	211.10	215.11	219.16	223.24	227.35
35	197.29	201.21	205.17	209.19	213.22	217.31	221.44	225.60	229.80	234.04
36	202.93	206.96	211.03	215.17	219.31	223.52	227.77	232.05	236.37	240.72
37	208.56	212.71	216.89	221.14	225.40	229.73	234.09	238.49	242.93	247.41
38	214.20	218.46	222.75	227.12	231.49	235.94	240.42	244.94	249.50	254.10
39	219.84	224.21	228.61	233.10	237.58	242.15	246.75	251.39	256.07	260.78
40	225.48	229.96	234.48	239.08	243.68	248.36	253.08	257.83	262.63	267.47
41	231.11	235.70	240.34	245.05	249.77	254.56	259.40	264.28	269.20	274.16
42	236.75	241.45	246.20	251.03	255.86	260.77	265.73	270.72	275.76	280.84
43	242.39	247.20	252.06	257.01	261.95	266.98	272.06	277.17	282.33	287.53
44	248.02	252.95	257.92	262.98	268.04	273.19	278.38	283.61	288.90	294.22
45	253.66	258.70	263.79	268.96	274.14	279.40	284.71	290.06	295.46	300.91
25	1.41	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.64	1.67
50	2.81	2.87	2.93	2.98	3.04	3.10	3.16	3.22	3.28	3.34
75	4.22	4.30	4.39	4.48	4.57	4.65	4.74	4.83	4.92	5.01

The Circumference, or Girt in Inches.

Length in feet.	111	112	113	114	115	116	117	118	119	120
1	6.80	6.93	7.05	7.18	7.30	7.43	7.56	7.69	7.82	7.95
2	13.61	13.80	14.11	14.36	14.61	14.87	15.13	15.38	15.65	15.91
3	20.42	20.79	21.16	21.54	21.92	22.30	22.69	23.08	23.47	23.87
4	27.23	27.72	28.22	28.72	29.23	29.74	30.26	20.77	31.30	31.83
5	34.04	34.66	35.28	35.91	36.54	37.18	37.82	38.47	39.12	39.79
6	40.85	41.59	42.33	43.09	43.85	44.61	45.39	46.16	46.95	47.74
7	47.66	48.52	49.39	50.27	51.16	51.05	52.95	53.86	54.78	55.70
8	54.47	55.45	56.45	57.45	58.46	58.49	60.52	61.55	63.60	63.66
9	61.28	62.39	63.50	64.63	65.77	65.92	68.08	69.25	70.43	71.62
10	68.09	69.32	70.56	71.82	73.08	73.36	75.65	76.94	78.25	79.58
11	74.89	76.45	77.62	79.00	80.39	80.79	83.21	84.64	86.08	87.53
12	81.70	83.18	84.67	86.18	87.70	88.23	90.78	92.33	93.91	95.49
13	88.51	90.11	91.73	93.36	95.01	95.67	98.34	100.03	101.73	103.45
14	95.32	97.05	98.79	100.54	102.32	103.10	105.91	107.72	109.56	111.41
15	102.13	103.98	105.84	107.73	109.62	110.54	113.47	115.42	117.38	119.37
16	108.94	110.91	112.90	114.91	116.93	117.98	121.04	123.11	125.21	127.32
17	115.75	117.84	119.96	122.09	124.24	125.41	128.60	130.81	133.03	135.28
18	122.56	124.78	127.01	129.27	131.55	132.85	136.17	138.50	140.86	143.24
19	129.37	131.71	134.07	136.45	138.86	139.28	143.73	146.20	148.69	151.20
20	136.18	138.64	141.13	143.64	146.17	148.72	151.30	153.89	156.51	159.16
21	142.98	145.57	148.18	150.82	153.48	156.16	158.86	161.59	164.34	167.11
22	149.80	152.51	155.24	158.00	160.78	163.59	166.43	169.28	172.16	175.07
23	156.60	159.44	162.30	165.18	168.09	171.03	173.99	176.98	179.99	183.03
24	163.41	166.37	169.35	172.37	175.40	178.47	181.56	184.67	187.82	190.99
25	170.22	173.30	176.41	179.55	182.71	185.90	189.12	192.37	195.64	198.95
26	177.03	180.23	183.47	186.73	190.02	193.34	196.69	200.06	203.47	206.90
27	183.84	187.17	190.52	193.91	197.33	200.78	204.25	207.76	211.29	214.86
28	190.65	194.10	197.58	201.09	204.64	208.21	211.82	215.45	219.12	222.82
29	197.46	201.03	204.64	208.28	211.94	215.65	219.38	223.15	226.95	230.78
30	204.27	207.96	211.69	215.46	219.25	223.08	226.95	230.84	234.77	238.74
31	211.07	214.19	218.75	222.64	226.56	230.52	234.51	238.54	242.60	246.69
32	217.88	221.83	225.81	229.82	233.87	237.96	242.08	245.23	250.42	254.65
33	224.69	228.76	232.86	237.00	241.18	245.39	249.64	253.93	258.25	262.61
34	231.50	235.69	239.92	244.19	248.49	252.83	257.21	261.62	266.08	270.57
35	238.31	242.63	246.98	251.37	255.80	260.27	264.77	269.61	273.90	278.53
36	245.12	249.56	254.03	258.55	263.10	267.70	272.34	277.01	281.73	286.48
37	251.93	256.49	261.09	265.73	270.41	275.14	279.90	284.71	289.55	294.44
38	258.74	263.42	268.15	272.91	277.72	282.57	287.47	292.40	297.98	302.40
39	265.55	270.36	275.20	279.10	285.03	290.01	295.03	300.10	305.21	310.36
40	272.36	277.29	282.26	287.28	292.34	297.45	302.60	307.79	313.03	318.32
41	279.16	284.22	289.32	294.46	299.65	304.88	310.16	315.49	320.86	326.27
42	285.97	291.15	296.37	301.64	306.96	312.32	317.73	323.18	328.68	334.23
43	292.78	298.08	303.43	308.82	314.26	319.76	325.29	330.88	336.51	342.19
44	299.59	305.02	310.49	316.01	321.57	327.19	332.86	338.57	344.33	350.15
45	306.40	311.95	317.54	323.19	328.88	334.63	340.42	346.27	352.16	358.11
.25	1.70	1.73	1.76	1.79	1.82	1.86	1.89	1.92	1.95	1.99
.50	3.40	3.47	3.52	3.59	3.65	3.71	3.78	3.85	3.91	3.97
.75	5.10	5.20	5.28	5.38	5.48	5.57	5.67	5.77	5.87	5.96

The Circumference, or Girt in Inches.

Length in feet.	121	122	123	124	125	126	127	128	129	130
1	8.09	8.22	8.36	8.49	8.63	8.77	8.91	9.05	9.19	9.33
2	16.18	16.45	16.72	16.99	17.26	17.54	17.82	18.10	18.39	18.67
3	24.27	24.67	25.08	25.49	25.90	26.32	26.74	27.16	27.58	28.01
4	32.36	32.90	33.44	33.99	34.53	35.09	35.65	36.21	36.78	37.35
5	40.45	41.12	41.80	42.48	43.17	43.86	44.56	45.27	45.98	46.69
6	48.54	49.35	50.16	50.98	51.80	52.64	53.48	54.32	55.17	55.03
7	56.63	57.57	58.52	59.48	60.44	61.41	62.39	63.38	64.37	64.37
8	64.72	65.80	66.88	67.97	69.07	70.18	71.36	72.43	73.57	74.71
9	72.81	74.02	75.24	76.47	77.71	78.96	80.22	81.48	82.76	84.05
10	80.91	82.25	83.60	84.97	86.34	87.73	89.13	90.54	91.96	93.39
11	89.00	90.47	91.96	93.46	94.98	96.51	98.04	99.59	101.16	102.73
12	97.09	98.70	100.32	101.96	103.61	105.28	106.96	108.65	110.35	112.07
13	105.18	106.92	108.69	110.46	112.25	114.05	115.87	117.70	119.55	121.41
14	113.27	115.15	117.05	118.96	120.88	122.83	124.78	126.76	128.74	130.75
15	121.36	123.37	125.41	127.45	129.52	131.60	133.70	135.81	137.94	140.09
16	129.45	131.60	133.77	135.95	138.15	140.37	142.61	144.87	147.14	149.43
17	137.54	139.82	142.13	144.45	146.79	149.15	151.52	153.92	156.33	158.77
18	145.63	148.05	150.49	152.94	155.42	157.92	160.44	162.97	165.53	168.11
19	153.73	156.27	158.85	161.44	164.06	166.70	179.35	172.03	174.73	177.45
20	161.82	164.50	167.21	169.94	172.69	175.47	178.27	181.08	183.92	186.79
21	169.91	172.72	175.57	178.43	181.33	184.24	187.18	190.14	193.12	196.12
22	178.00	180.95	183.93	186.93	189.96	193.02	196.09	199.19	202.32	205.46
23	186.09	189.17	192.29	195.43	198.60	201.79	205.01	208.25	211.51	214.80
24	194.18	197.40	200.65	203.92	207.23	210.56	213.92	217.30	220.71	224.14
25	202.27	205.62	209.02	212.42	215.87	219.34	222.83	226.36	229.91	233.48
26	210.36	213.85	217.38	220.92	224.50	228.11	231.75	235.41	239.10	242.82
27	218.45	222.07	225.74	229.41	233.14	236.89	240.65	244.46	248.30	252.16
28	226.55	230.30	234.10	237.91	241.77	245.66	249.57	253.52	257.49	261.50
29	234.64	238.52	242.46	246.41	250.41	254.43	258.49	262.57	266.69	270.84
30	242.73	246.75	250.82	254.91	259.04	263.21	267.40	271.63	275.89	280.18
31	250.82	254.97	259.18	263.40	267.68	271.98	276.31	280.68	285.08	289.52
32	258.91	263.20	267.54	271.90	276.31	280.75	285.23	289.74	294.28	298.86
33	267.00	271.42	275.90	280.40	284.95	289.53	294.19	298.79	303.48	308.20
34	275.09	279.65	284.26	288.89	293.58	298.30	303.05	307.84	312.67	317.54
35	283.18	287.87	292.62	297.39	302.22	307.07	311.97	316.90	321.87	326.88
36	291.27	296.10	300.99	305.89	310.85	315.85	320.88	325.95	331.07	336.22
37	299.37	304.32	309.35	314.39	319.49	324.62	329.79	335.01	340.26	345.56
38	307.46	312.55	317.71	322.88	328.12	333.40	338.71	344.06	349.46	354.90
39	315.55	320.77	326.07	331.38	336.76	342.17	347.62	353.12	358.65	364.24
40	323.64	329.00	334.43	339.88	345.39	350.94	356.54	362.17	367.85	373.58
41	331.73	337.22	342.79	348.37	354.03	359.72	365.45	371.23	377.05	382.91
42	339.82	345.45	351.15	356.87	362.66	368.49	374.36	380.28	386.24	392.25
43	347.91	353.67	359.51	365.37	371.30	377.26	383.28	389.33	395.44	401.59
44	356.00	361.90	367.87	373.86	379.93	386.04	392.19	398.39	404.64	410.93
45	364.09	370.12	376.23	382.36	388.57	394.81	401.10	407.44	413.83	420.27
25	2.02	2.05	2.09	2.12	2.16	2.19	2.24	2.26	2.30	2.33
50	4.04	4.11	4.18	4.24	4.31	4.38	4.49	4.52	4.59	4.66
75	6.07	6.17	7.27	6.37	6.47	6.58	6.75	6.79	6.89	7.00

The Circumference, or Girt in Inches.

Length in feet.	131	132	133	134	135	136	137	138	139	140
1	9.48	9.62	9.77	9.92	10.07	10.22	10.37	10.52	10.67	10.83
2	18.96	19.25	19.55	19.84	20.15	20.44	20.74	21.04	21.35	21.66
3	28.45	28.88	29.32	29.77	30.23	30.66	31.11	31.57	32.03	32.49
4	37.93	38.51	39.10	39.69	40.30	40.88	41.48	42.09	42.71	43.32
5	47.41	48.14	48.87	49.61	50.38	51.10	51.86	52.62	53.38	54.15
6	56.90	57.77	58.65	59.53	60.46	61.32	62.23	63.14	64.06	65.00
7	66.38	67.40	68.42	69.46	70.53	71.55	72.60	73.67	74.74	75.82
8	75.87	77.03	78.20	79.38	80.61	81.77	82.97	84.19	85.42	86.65
9	85.35	86.66	87.98	89.30	90.69	91.99	93.35	94.71	96.09	97.48
10	94.83	96.29	97.75	99.23	100.77	102.21	103.72	105.24	106.77	108.31
11	104.32	105.91	107.53	109.15	110.84	112.43	114.09	115.76	117.45	119.14
12	113.80	115.54	117.30	119.07	120.92	122.65	124.46	126.29	128.13	129.98
13	123.28	125.17	127.08	129.00	131.00	132.88	134.84	136.81	138.80	140.81
14	132.77	134.80	136.85	138.92	141.07	143.10	145.21	147.34	149.48	151.64
15	142.25	144.43	146.63	148.84	151.15	153.32	155.58	157.86	160.16	162.47
16	151.74	154.06	156.41	158.76	161.23	163.54	165.95	168.39	170.84	173.30
17	161.22	163.69	166.18	168.69	171.31	173.76	176.33	178.91	181.51	184.13
18	170.70	173.32	175.96	178.61	181.38	183.98	186.70	189.43	192.19	194.97
19	180.19	182.95	185.73	188.53	191.46	194.21	197.07	199.96	202.87	205.80
20	189.67	192.58	195.51	198.46	201.54	204.43	207.44	210.48	213.55	216.63
21	199.15	202.20	205.28	208.38	211.61	214.65	217.82	221.01	224.22	227.46
22	208.64	211.83	215.06	218.30	221.69	224.87	228.19	231.53	234.90	238.29
23	218.12	221.46	224.83	228.24	231.77	235.09	238.56	242.06	245.58	249.12
24	227.61	231.09	234.61	238.15	241.84	245.31	248.93	252.58	256.26	259.96
25	237.09	240.72	244.39	248.07	251.92	255.54	259.31	263.11	266.93	270.79
26	246.57	250.35	254.16	258.00	262.00	265.76	269.68	273.63	277.61	281.62
27	256.06	259.98	263.94	267.92	272.08	275.98	280.05	284.15	288.29	292.45
28	265.54	269.61	273.31	277.84	282.15	286.20	290.42	294.68	298.97	303.28
29	275.03	279.24	283.49	287.76	292.23	296.42	300.79	305.20	309.64	314.11
30	284.51	288.87	293.26	297.69	302.31	306.64	311.17	315.73	320.32	324.95
31	293.99	298.50	303.04	307.61	312.38	316.86	321.54	326.75	331.00	335.78
32	303.48	308.12	312.81	317.53	322.46	327.09	331.91	336.78	341.68	346.61
33	312.96	317.75	322.19	327.45	332.54	337.31	342.28	347.30	352.35	357.44
34	322.44	327.38	332.37	337.38	342.61	347.53	352.66	357.82	363.03	368.27
35	331.93	337.01	342.14	347.30	352.69	357.75	363.03	368.35	373.71	379.10
36	341.41	346.64	351.92	357.22	362.77	367.97	373.40	378.87	384.39	389.94
37	350.90	356.27	361.69	367.15	372.84	378.19	383.77	389.40	395.06	400.77
38	360.38	365.90	371.47	377.07	382.92	388.42	394.15	399.92	405.74	411.60
39	369.86	375.53	381.24	387.00	393.00	398.64	404.52	410.45	416.42	422.43
40	379.35	385.16	391.02	396.92	403.08	408.86	414.89	420.97	427.10	433.26
41	388.83	394.78	400.80	406.84	413.15	419.08	425.26	431.50	437.77	444.09
42	398.31	404.41	410.57	416.76	423.23	429.30	435.64	442.02	448.45	454.93
43	407.80	414.04	420.35	426.68	433.31	439.52	446.01	452.54	459.13	465.76
44	417.28	423.67	430.12	436.61	443.38	449.75	456.38	463.07	469.81	476.59
45	426.77	433.36	439.90	446.53	453.46	459.97	466.75	473.60	480.48	487.42
.25	2.37	2.40	2.44	2.48	2.52	2.55	2.59	2.63	2.67	2.71
.50	4.74	4.81	4.88	4.96	5.03	5.11	5.18	5.26	5.33	5.41
.75	7.11	7.21	7.33	7.44	7.55	7.67	7.78	7.89	8.00	8.12

The Circumference, or Girt in Inches.

Length in feet.	141	142	143	144	145	146	147	148	149	150
1	10.98	11.14	11.30	11.45	11.61	11.78	11.94	12.10	12.26	12.43
2	21.97	22.28	22.60	22.91	23.23	23.56	23.88	24.21	24.53	24.86
3	32.96	33.34	33.90	34.37	34.85	35.34	35.82	36.31	36.80	37.30
4	43.94	44.57	45.20	45.83	46.47	47.12	47.76	48.42	49.07	49.73
5	54.93	55.71	56.50	57.29	58.09	58.90	59.70	60.52	61.34	62.17
6	65.92	66.86	67.80	68.75	69.71	70.68	71.65	72.63	73.61	74.60
7	76.90	78.00	79.10	80.21	81.33	82.46	83.59	84.73	85.88	87.04
8	87.89	89.14	90.40	91.67	92.95	94.24	95.53	96.84	98.15	99.47
9	98.88	100.29	101.70	103.13	104.57	106.02	107.47	108.94	110.42	111.90
10	109.87	111.43	113.00	114.59	116.19	117.80	119.41	121.05	122.69	124.34
11	120.85	122.57	124.30	126.05	127.81	129.58	131.35	133.15	134.96	136.77
12	131.84	133.72	135.60	137.51	139.43	141.36	143.30	145.26	147.22	149.21
13	142.83	144.86	146.90	148.97	151.04	153.14	155.24	157.36	159.49	161.64
14	153.81	156.00	158.20	160.43	162.66	164.92	167.18	169.47	171.76	174.08
15	164.80	167.15	169.51	171.89	174.28	176.70	179.12	181.57	184.03	186.51
16	175.79	178.29	180.81	183.35	185.90	188.48	191.06	193.68	196.30	198.94
17	186.77	189.43	192.11	194.80	197.52	200.26	203.00	205.78	208.57	211.38
18	197.76	200.58	203.41	206.26	209.14	212.04	214.95	217.99	220.84	223.81
19	208.75	211.72	214.71	217.72	220.76	223.82	226.89	230.09	233.11	236.25
20	219.74	222.86	226.01	229.18	232.38	235.60	238.83	242.10	245.38	248.68
21	230.72	234.01	237.31	240.64	244.00	247.38	250.77	254.20	257.65	261.12
22	241.71	245.15	248.61	252.10	255.62	259.16	262.71	266.31	269.92	273.55
23	252.70	256.29	259.91	263.56	267.24	270.94	274.65	278.41	282.18	285.99
24	263.68	267.44	271.21	275.02	278.86	282.72	286.60	290.52	294.45	298.42
25	274.67	278.58	282.51	286.48	290.48	294.50	298.54	302.62	306.72	310.85
26	285.66	289.72	293.81	297.94	302.09	306.28	310.48	314.73	318.99	323.29
27	296.64	300.87	305.11	309.40	313.71	318.06	322.42	326.83	331.26	335.72
28	307.63	312.01	316.47	320.86	325.33	329.84	334.36	338.94	343.53	348.16
29	318.62	323.15	327.71	332.32	336.95	341.62	346.30	351.04	355.80	360.59
30	329.61	334.30	339.02	343.78	348.57	353.40	358.25	363.15	368.07	373.02
31	340.59	345.44	350.32	355.24	360.19	365.18	370.19	375.25	380.34	385.46
32	351.58	356.58	361.62	366.70	371.81	376.96	382.13	387.36	392.61	397.89
33	362.57	367.73	372.92	378.16	383.43	388.74	394.07	399.46	404.88	410.33
34	373.55	378.87	384.22	389.61	395.05	400.52	406.01	411.57	417.14	422.76
35	384.54	390.01	395.52	401.07	406.67	412.30	417.95	423.67	429.41	435.20
36	395.53	401.16	406.82	412.53	418.29	424.08	429.90	435.78	441.68	447.63
37	406.51	412.30	418.12	424.00	429.91	435.86	441.84	447.88	453.95	460.06
38	417.50	423.44	429.42	435.45	441.53	447.64	453.78	459.99	466.22	472.50
39	428.49	434.59	440.72	446.91	453.14	459.42	465.72	472.09	478.49	484.93
40	439.48	445.73	452.02	458.37	464.76	471.20	477.66	484.20	490.76	497.37
41	450.46	456.87	463.32	469.83	476.38	482.98	489.60	496.30	503.03	509.80
42	461.45	468.02	474.62	481.29	488.00	494.76	501.55	508.41	515.30	522.34
43	472.44	479.16	485.92	492.75	499.62	506.54	513.49	520.51	527.57	534.67
44	483.42	490.30	497.23	504.21	511.24	518.32	525.43	532.62	539.84	547.10
45	494.41	501.45	508.53	515.67	522.86	530.10	537.37	544.72	552.10	559.54
25	2.74	2.78	2.80	2.86	2.90	2.94	2.98	3.02	3.06	3.11
50	5.49	5.57	5.60	5.72	5.80	5.89	5.97	6.05	6.13	6.21
75	8.23	8.36	8.50	8.59	8.71	8.84	8.96	9.07	9.20	9.32

The Circumference, or Girt in Inches.

Length in feet.	151	152	153	154	155	156	157	158	159	160
1	12.60	12.76	12.93	13.10	13.27	13.44	13.62	13.79	13.97	14.14
2	25.20	25.53	25.87	26.61	26.55	26.89	27.24	27.59	27.94	28.29
3	37.80	38.30	38.81	39.31	39.83	40.34	40.86	41.38	41.91	42.44
4	50.40	51.07	51.74	52.42	53.11	53.79	54.88	55.18	55.88	56.59
5	63.00	63.84	64.68	65.53	66.38	67.24	68.10	68.98	69.85	70.73
6	75.60	76.60	77.62	78.63	79.66	80.69	81.73	82.77	83.82	84.88
7	88.20	89.37	90.55	91.74	92.94	94.14	95.35	96.57	97.79	99.03
8	100.80	102.14	103.49	104.85	106.22	107.59	108.97	110.36	111.76	113.18
9	113.40	114.91	116.43	117.95	119.49	121.04	122.59	124.16	125.74	127.32
10	126.00	127.68	129.36	131.06	132.77	134.49	136.21	137.96	139.71	141.47
11	138.60	140.45	142.30	144.16	146.05	147.93	149.84	151.75	153.68	155.62
12	151.20	153.21	155.24	157.27	159.33	161.38	163.46	165.55	167.65	169.77
13	163.80	165.98	168.17	170.38	172.60	174.83	177.08	179.34	181.62	183.91
14	176.40	178.75	181.11	183.48	185.88	188.28	190.70	193.14	195.59	198.06
15	189.00	191.52	194.05	196.59	199.16	201.73	204.32	206.94	209.56	212.21
16	201.60	204.29	206.98	209.70	212.44	215.18	217.95	220.73	223.53	226.36
17	214.21	217.05	219.92	222.80	225.72	228.63	231.57	234.53	237.51	240.50
18	226.81	229.82	232.86	235.91	238.99	242.08	245.19	248.32	251.48	254.65
19	239.41	242.59	245.79	249.01	252.27	255.53	258.81	262.12	265.45	268.80
20	252.01	255.36	258.73	262.12	265.55	268.98	272.43	275.92	279.42	282.95
21	264.61	268.13	271.67	275.23	278.83	282.42	286.05	289.71	293.39	297.09
22	277.21	280.90	284.60	288.33	292.10	295.87	299.68	303.51	307.36	311.24
23	289.81	293.66	297.54	301.44	305.38	309.32	313.30	317.30	321.33	325.39
24	302.41	306.43	310.48	314.55	318.66	322.77	326.92	331.10	335.30	339.54
25	315.01	319.20	323.41	327.65	331.94	336.22	340.54	344.90	349.28	353.68
26	327.61	331.97	336.35	340.76	345.21	349.67	354.16	358.69	363.25	367.83
27	340.21	344.73	349.29	353.87	358.49	363.12	367.79	372.49	377.22	381.98
28	352.81	357.50	362.22	366.97	371.77	376.57	381.41	386.28	391.19	396.13
29	365.41	370.27	375.16	380.08	385.05	390.02	395.03	400.08	405.16	410.27
30	378.01	383.04	388.10	393.19	398.32	403.47	408.65	413.88	419.13	424.42
31	390.61	395.81	401.03	406.29	411.60	416.69	422.27	427.67	433.10	438.57
32	403.21	408.57	413.97	419.40	424.88	430.36	435.90	441.47	447.07	452.72
33	415.81	421.34	426.91	432.50	438.16	443.81	449.52	455.26	461.04	466.86
34	428.42	434.11	439.84	445.61	451.43	457.26	463.14	469.06	475.02	481.01
35	441.02	446.88	452.78	458.72	464.71	470.71	476.76	482.86	489.99	495.16
36	453.62	459.65	465.72	471.82	477.99	484.16	490.38	496.65	502.96	509.31
37	466.22	472.42	478.65	484.93	491.27	497.61	504.01	510.45	516.93	523.45
38	478.82	485.18	491.59	498.03	504.54	511.06	517.63	524.24	530.90	537.60
39	491.42	497.95	504.53	511.14	517.82	524.51	531.25	538.04	544.87	551.75
40	504.02	510.72	517.46	524.25	531.10	537.96	544.87	551.84	558.84	565.90
41	516.62	523.49	530.40	537.35	544.38	551.41	558.49	565.63	572.81	580.04
42	529.22	536.26	543.34	550.46	557.65	564.85	572.11	579.43	586.79	594.19
43	541.82	549.02	556.27	563.57	570.93	578.30	585.74	593.22	600.76	608.34
44	554.42	561.79	569.21	576.67	584.21	591.75	599.36	607.02	614.73	622.49
45	567.02	574.56	582.15	589.78	597.49	605.20	612.98	620.82	628.70	636.63
$\frac{1}{4}$	3.15	3.19	3.23	3.27	3.32	3.36	3.40	3.44	3.49	3.53
$\frac{1}{2}$	6.30	6.38	6.46	6.55	6.63	6.72	6.81	6.89	6.98	7.07
$\frac{3}{4}$	9.45	9.57	9.70	9.83	9.95	10.08	10.22	10.33	10.47	10.60

The Circumference, or Girt in Inches.

Length in feet.	161	162	163	164	165	166	167	168	169	170
1	14.32	14.50	14.68	14.86	15.04	15.22	15.41	15.59	15.78	15.97
2	28.64	29.00	29.36	29.72	30.09	30.45	30.82	31.19	31.56	31.94
3	42.97	43.51	44.04	44.59	45.13	45.68	46.23	46.79	47.35	47.91
4	57.29	58.01	58.73	59.45	60.18	60.91	61.65	62.39	63.13	63.88
5	71.62	72.51	73.41	74.31	75.22	76.14	77.06	77.98	78.92	79.85
6	85.94	87.02	88.09	89.18	90.27	91.37	92.47	93.58	94.70	95.82
7	100.27	101.52	102.78	104.04	105.31	106.59	107.88	109.18	110.48	111.79
8	114.59	116.02	117.46	118.90	120.35	121.82	123.30	124.78	126.27	127.76
9	128.92	130.53	132.14	133.77	135.40	137.05	138.71	140.37	142.05	143.74
10	143.24	145.03	146.83	148.63	150.45	152.28	154.12	155.97	157.84	159.71
11	157.57	159.53	161.51	163.50	165.50	167.51	169.53	171.57	173.62	175.68
12	171.89	174.04	176.19	178.36	180.54	182.74	184.95	187.17	189.40	191.65
13	186.22	188.54	190.87	193.22	195.59	197.97	200.36	202.76	205.19	207.62
14	200.54	203.04	205.56	208.09	210.63	213.19	215.77	218.36	220.97	223.59
15	214.87	217.55	220.24	222.95	225.68	228.42	231.18	233.96	236.75	239.56
16	229.19	232.05	234.92	237.81	240.72	243.65	246.60	249.56	252.54	255.53
17	243.52	246.55	249.61	252.68	255.77	258.88	262.01	265.15	268.32	271.51
18	257.84	261.06	264.29	267.54	270.81	274.11	277.42	280.75	284.11	287.48
19	272.17	275.56	278.97	282.41	285.86	289.34	292.83	296.35	299.89	303.45
20	286.49	290.06	293.66	297.27	300.91	304.57	308.25	311.95	315.67	319.42
21	300.82	304.57	308.34	312.13	315.95	319.79	323.66	327.55	331.46	335.39
22	315.14	319.07	323.02	327.00	331.00	335.02	339.07	343.14	347.24	351.36
23	329.47	333.57	337.70	341.86	346.04	350.25	354.48	358.74	363.03	367.33
24	343.79	348.08	352.39	356.72	361.09	365.48	369.90	374.34	378.81	383.30
25	358.12	362.58	367.07	371.59	376.13	380.71	385.31	389.94	394.59	399.28
26	372.44	377.08	381.75	386.45	391.18	395.94	400.72	405.53	410.38	415.25
27	386.77	391.59	396.44	401.31	406.22	411.17	416.14	421.13	426.16	431.22
28	401.09	406.09	411.12	416.18	421.27	426.39	431.55	436.73	441.95	447.19
29	415.42	420.59	425.80	431.04	436.31	441.62	446.96	452.33	457.73	463.16
30	429.74	435.10	440.49	445.91	451.36	456.85	462.37	467.92	473.51	479.13
31	444.07	449.60	455.17	460.77	466.41	472.08	477.79	483.52	489.30	495.10
32	458.39	464.10	469.85	475.63	481.45	487.31	493.20	499.12	505.08	511.07
33	472.72	478.61	484.53	490.50	496.50	502.54	508.61	514.72	520.86	527.05
34	487.04	493.11	499.22	505.36	511.54	517.76	524.02	530.31	536.65	543.02
35	501.37	507.61	513.90	520.22	526.59	533.00	539.44	545.91	552.43	559.00
36	515.69	522.12	528.58	535.09	541.63	548.22	554.85	561.51	568.22	574.96
37	530.02	536.62	543.27	549.95	556.68	563.45	570.26	577.11	584.00	590.93
38	544.34	551.12	557.95	564.82	571.72	578.68	585.67	592.70	599.78	606.90
39	558.67	565.63	572.63	579.68	586.77	593.91	601.09	608.30	615.57	622.87
40	572.90	580.13	587.32	594.54	601.82	609.14	616.50	623.90	631.35	638.84
41	587.32	594.63	602.00	609.41	616.86	624.36	631.91	639.50	647.14	654.82
42	601.64	609.14	616.68	624.27	631.91	639.59	647.32	655.10	662.92	670.79
43	615.97	623.64	631.36	639.13	646.95	654.82	662.74	670.69	678.70	686.76
44	630.29	638.14	646.05	654.00	662.00	670.05	678.15	686.29	694.49	702.73
45	644.52	652.65	660.73	668.86	677.04	685.28	693.56	701.89	710.27	718.70
1	3.58	3.62	3.67	3.71	3.76	3.80	3.85	3.89	3.94	3.99
2	7.16	7.25	7.34	7.43	7.52	7.61	7.70	7.79	7.89	7.98
3	10.74	10.88	11.01	11.15	11.28	11.42	11.56	11.69	11.83	11.98

The Circumference, or Girt in Inches.

Length in feet.	171	172	173	174	175	176	177	178	179	180
1	16.15	16.34	16.53	16.73	16.92	17.11	17.31	17.50	17.70	17.90
2	32.31	32.69	33.07	33.46	33.84	34.23	34.62	35.01	35.41	35.81
3	48.47	49.04	49.61	50.19	50.77	51.35	51.94	52.53	53.12	53.71
4	64.63	65.39	66.15	66.92	67.69	68.47	69.25	70.03	70.82	71.62
5	80.79	81.74	82.69	83.65	84.62	85.59	86.56	87.54	88.53	89.52
6	96.95	98.09	99.23	100.38	101.54	102.71	103.88	105.05	106.24	107.43
7	113.11	114.44	115.77	117.12	118.47	119.82	121.19	122.56	123.94	125.33
8	129.27	130.79	132.31	133.85	135.39	136.94	138.50	140.07	141.65	143.24
9	145.43	147.14	148.85	150.58	152.32	154.06	155.82	157.58	159.36	161.14
10	161.59	163.49	165.39	167.31	169.24	171.18	173.13	175.09	177.07	179.05
11	177.75	179.84	181.93	184.04	186.16	188.30	190.44	192.60	194.77	196.95
12	193.91	196.19	198.47	200.77	203.09	205.42	207.76	210.11	212.48	214.86
13	210.07	212.53	215.01	217.51	220.01	222.54	225.07	227.62	230.19	232.77
14	226.23	228.88	231.55	234.24	236.94	239.65	242.39	245.13	247.90	250.67
15	242.39	245.23	248.09	250.97	253.86	256.77	259.70	262.64	265.60	268.58
16	258.55	261.58	264.63	267.70	270.79	273.89	277.01	280.15	283.31	286.48
17	274.71	277.93	281.17	284.43	287.71	291.01	294.33	297.66	301.02	304.39
18	290.87	294.28	297.71	301.16	304.64	308.13	311.64	315.17	318.72	322.29
19	307.03	310.63	314.25	317.90	321.56	325.25	328.95	332.68	336.43	340.20
20	323.19	326.98	330.79	334.63	338.49	342.37	346.27	350.19	354.14	358.10
21	339.35	343.33	347.33	351.36	355.41	359.48	363.58	367.70	371.84	376.01
22	355.51	359.68	363.87	368.09	372.33	376.60	380.89	385.21	389.55	393.91
23	371.67	376.03	380.41	384.82	389.26	393.72	398.21	402.72	407.26	411.82
24	387.83	392.38	396.95	401.55	406.18	410.84	415.52	420.23	424.97	429.72
25	404.00	408.73	413.49	418.29	423.11	427.96	432.84	437.74	442.67	447.63
26	420.15	425.07	430.03	435.02	440.03	445.08	450.15	455.25	460.38	465.54
27	436.31	441.42	446.57	451.75	456.96	462.19	467.46	472.76	478.09	483.44
28	452.47	457.77	463.11	468.48	473.88	479.31	484.78	490.27	495.80	501.35
29	468.63	474.12	479.65	485.21	490.81	496.43	502.09	507.78	513.50	519.25
30	484.79	490.47	496.19	501.94	507.73	513.55	519.40	525.29	531.21	537.16
31	500.95	506.82	512.73	518.67	524.65	530.67	536.72	542.80	548.92	555.06
32	517.11	523.17	529.27	535.41	541.58	547.79	554.03	560.31	566.62	572.97
33	533.27	539.52	545.81	552.14	558.50	564.91	571.34	577.82	584.33	590.87
34	549.42	555.87	562.35	568.87	575.43	582.02	588.66	595.33	602.04	608.78
35	565.59	572.22	578.89	585.60	592.35	599.14	605.97	612.84	619.74	626.68
36	581.74	588.57	595.43	602.33	609.28	616.26	623.88	630.35	637.45	644.59
37	597.90	604.92	611.97	619.06	626.20	633.38	640.60	647.86	655.16	662.50
38	614.06	621.26	628.51	635.80	643.13	650.50	657.91	665.37	672.86	680.40
39	630.22	637.61	645.05	652.53	660.05	667.62	675.23	682.88	690.57	698.31
40	646.38	653.96	661.59	669.26	676.98	684.74	692.54	700.39	708.28	716.21
41	662.54	670.31	678.13	685.99	693.90	701.85	709.85	717.90	725.99	734.12
42	678.70	686.66	694.67	702.72	710.82	718.97	727.17	735.41	743.69	752.02
43	694.86	703.01	711.21	719.45	727.75	736.09	744.48	752.92	761.40	769.93
44	711.02	719.36	727.75	736.19	744.67	753.21	761.79	770.43	779.11	787.83
45	727.18	735.71	744.29	752.92	761.60	770.33	779.11	787.94	796.81	805.74
46	4.04	4.08	4.13	4.18	4.23	4.28	4.33	4.37	4.42	4.47
47	8.07	8.17	8.26	8.36	8.46	8.55	8.65	8.75	8.85	8.95
48	12.11	12.26	12.40	12.54	12.69	12.83	12.98	13.12	13.27	13.42

The Circumference, or Girt in Inches.

Length in feet.	181	182	183	184	185	186	187	188	189	190
1	18.10	18.30	18.50	18.71	18.91	19.11	19.32	19.53	19.74	19.95
2	36.21	36.61	37.01	37.42	37.82	38.23	38.65	39.06	39.48	39.90
3	54.31	54.91	55.52	56.13	56.74	57.35	57.97	58.59	59.22	59.85
4	72.42	73.22	74.02	74.84	75.65	76.47	77.30	78.13	78.96	79.80
5	90.52	91.52	92.53	93.55	94.57	95.59	96.62	97.66	98.70	99.75
6	108.63	109.83	111.04	112.26	113.48	114.71	115.95	117.19	118.44	119.70
7	126.73	128.13	129.55	130.97	132.39	133.83	135.27	136.72	138.18	139.65
8	144.84	146.44	148.05	149.68	151.31	152.95	154.60	156.26	157.92	159.60
9	162.94	164.75	166.56	168.39	170.22	172.07	173.92	175.79	177.66	179.55
10	181.05	183.05	185.07	187.10	189.14	191.19	193.25	195.32	197.40	199.50
11	199.15	201.36	203.58	205.81	208.05	210.30	212.57	214.85	217.14	219.45
12	217.26	219.66	222.08	224.52	226.96	229.42	231.90	234.38	236.88	239.40
13	235.36	237.97	240.59	243.23	245.88	248.54	251.22	253.92	256.62	259.35
14	253.47	256.27	259.10	261.94	264.79	267.66	270.55	273.45	276.36	279.30
15	271.57	274.58	277.61	280.65	283.71	286.78	289.87	292.98	296.10	299.25
16	289.68	292.88	296.11	299.36	302.62	305.90	309.20	312.51	315.84	319.20
17	307.78	311.19	314.62	318.07	321.53	325.02	328.52	332.05	335.58	339.15
18	325.89	329.50	333.13	336.78	340.45	344.14	347.85	351.58	355.32	359.10
19	343.99	347.80	351.63	355.49	359.36	363.26	367.17	371.11	375.06	379.05
20	362.10	366.11	370.14	374.20	378.28	382.38	386.50	390.64	394.80	399.00
21	380.20	384.41	388.65	392.91	397.19	401.50	405.82	410.18	414.54	418.95
22	398.31	402.72	407.16	411.62	416.10	420.61	425.15	429.71	434.28	438.90
23	416.41	421.02	425.66	430.33	435.02	439.73	444.48	449.24	454.02	458.85
24	434.52	439.33	444.17	449.04	453.93	458.85	463.80	468.77	473.76	478.80
25	452.62	457.63	462.68	467.75	472.85	477.97	483.13	488.31	493.50	498.75
26	470.73	475.94	481.18	486.46	491.76	497.09	502.45	507.84	513.24	518.70
27	488.83	494.24	499.69	505.17	510.67	516.21	521.78	527.37	532.98	538.65
28	506.94	512.55	518.20	523.88	529.59	535.33	541.10	546.90	552.72	558.60
29	525.04	530.85	536.71	542.59	548.50	554.45	560.43	566.44	572.46	578.55
30	543.15	549.16	555.22	561.30	567.42	573.57	579.75	585.97	592.20	598.50
31	561.25	567.47	573.72	580.01	586.33	592.68	599.08	605.50	611.94	618.45
32	579.36	585.77	592.23	598.72	605.24	611.80	618.40	625.03	631.68	638.40
33	597.46	604.08	610.74	617.43	624.16	630.92	637.73	644.57	651.42	658.35
34	615.57	622.38	629.24	636.14	643.07	650.04	657.05	664.10	671.16	678.30
35	633.67	640.69	647.75	654.85	661.99	669.16	676.38	683.63	690.90	698.25
36	651.78	658.99	666.26	673.56	680.90	688.28	695.70	703.16	710.64	718.20
37	669.88	677.30	684.77	692.27	699.81	707.40	715.03	722.70	730.38	738.15
38	687.99	695.60	703.27	710.98	718.73	726.52	734.35	742.23	750.12	758.10
39	706.09	713.91	721.78	729.69	737.64	745.64	753.68	761.76	769.86	778.05
40	724.20	732.22	740.29	748.40	756.56	764.76	773.00	781.29	789.61	798.00
41	742.30	750.52	758.80	767.11	775.47	783.87	792.33	800.82	809.35	817.95
42	760.41	768.83	777.30	785.82	794.38	802.99	811.65	820.36	829.09	837.90
43	778.51	787.13	795.81	804.53	813.30	822.11	830.98	839.89	848.83	857.85
44	796.62	805.44	814.32	823.24	832.21	841.23	850.30	859.42	868.57	877.80
45	814.72	823.74	832.82	841.95	851.13	860.35	869.63	878.95	888.32	897.75
1/4	4.52	4.57	4.62	4.68	4.73	4.78	4.83	4.88	4.93	4.99
1/2	9.05	9.15	9.25	9.35	9.45	9.56	9.66	9.76	9.87	9.97
3/4	13.58	13.72	13.87	14.03	14.18	14.34	14.49	14.64	14.80	14.96

The Circumference, or Girt in Inches.

Length in feet.	191	192	193	194	195	196	197	198	199	200
1	20.16	20.37	20.58	20.79	21.01	21.23	21.44	21.66	21.88	22.10
2	40.32	40.74	41.17	41.59	42.02	42.46	42.89	43.33	43.77	44.21
3	60.48	61.11	61.75	62.39	63.04	63.69	64.34	64.99	65.65	66.31
4	80.64	81.48	82.34	83.19	84.05	84.92	85.78	86.66	87.54	88.42
5	100.80	101.86	102.92	103.99	105.07	106.15	107.23	108.32	109.42	110.52
6	120.96	122.23	123.51	124.79	126.08	127.38	128.68	129.99	131.31	132.63
7	141.12	142.60	144.09	145.59	147.09	148.61	150.13	151.65	153.19	154.73
8	161.28	162.98	164.68	166.39	168.11	169.84	171.57	173.32	175.09	176.84
9	181.44	183.35	185.26	187.19	189.12	191.07	193.02	194.99	196.96	198.94
10	201.60	203.72	205.85	207.99	210.14	212.30	214.47	216.65	218.85	221.05
11	221.76	224.09	226.43	228.78	231.15	233.53	235.92	238.32	240.73	243.16
12	241.92	244.46	247.02	249.58	252.10	254.76	257.36	259.98	262.62	265.26
13	262.08	264.84	267.60	270.38	273.18	275.99	278.81	281.65	284.50	287.37
14	282.24	285.21	288.19	291.18	294.19	297.22	300.26	303.31	306.39	309.47
15	302.40	305.58	308.77	311.98	315.21	318.45	321.70	324.98	328.27	331.58
16	322.56	325.95	329.36	332.78	336.22	339.68	343.15	346.64	350.16	353.68
17	342.72	346.33	349.94	353.58	357.23	360.91	364.60	368.31	372.04	375.79
18	362.88	366.70	370.53	374.38	378.25	382.14	386.05	389.98	393.93	397.90
19	383.04	387.07	391.11	395.18	399.20	403.37	407.49	411.64	415.81	420.00
20	403.20	407.44	411.70	415.98	420.28	424.60	428.94	433.31	437.70	442.11
21	423.36	427.82	432.28	436.77	441.29	445.83	450.39	454.97	459.58	464.21
22	443.52	448.19	452.87	457.57	462.30	467.00	471.84	476.64	481.47	486.32
23	463.68	468.56	473.45	478.37	483.32	488.29	493.28	498.30	503.35	508.42
24	483.84	488.93	494.04	499.17	504.33	509.52	514.73	519.97	525.24	530.53
25	504.00	509.31	514.62	519.97	525.35	530.75	536.18	541.64	547.12	552.63
26	524.16	529.68	535.21	540.77	546.36	551.98	557.62	563.30	569.01	574.74
27	544.32	550.05	555.79	561.57	567.37	573.21	579.07	584.97	590.89	596.84
28	564.48	570.42	576.38	582.37	588.39	594.44	600.52	606.63	612.78	618.95
29	584.64	590.80	596.96	603.17	609.40	615.67	621.97	628.30	634.66	641.05
30	604.80	611.17	617.55	623.97	630.42	636.90	643.42	649.96	656.55	663.16
31	624.96	631.54	638.13	644.76	651.43	658.13	664.86	671.63	678.43	685.27
32	645.12	651.91	658.72	665.56	672.44	679.36	686.31	693.29	700.32	707.37
33	665.28	672.29	679.30	686.36	693.46	700.59	707.76	714.96	722.20	729.48
34	685.44	692.66	699.89	707.16	714.47	721.82	729.20	736.63	744.09	751.58
35	705.60	713.03	720.47	727.96	735.49	743.05	750.65	758.29	765.97	773.69
36	725.76	733.40	741.06	748.76	756.50	764.28	772.10	779.96	787.86	795.79
37	745.92	753.77	761.64	769.56	777.51	785.51	793.55	801.62	809.74	817.90
38	766.08	774.25	782.23	790.36	798.53	806.74	814.99	823.29	831.63	840.00
39	786.24	794.52	802.81	811.16	819.54	827.97	836.44	844.95	853.51	862.11
40	806.41	814.89	823.40	831.96	840.56	849.20	857.89	866.62	875.40	884.22
41	826.57	835.26	843.98	852.75	861.57	870.43	879.33	888.28	897.28	906.32
42	846.73	855.64	864.57	873.55	882.58	891.66	900.78	909.95	919.17	928.43
43	866.89	876.01	885.15	894.35	903.60	912.89	922.23	931.62	941.05	950.53
44	887.05	896.38	905.74	915.15	924.61	934.12	943.68	953.28	962.94	972.64
45	907.22	916.75	926.33	935.95	945.63	955.35	965.12	974.95	984.82	994.74
$\frac{1}{2}$	5.04	5.09	5.14	5.19	5.25	5.31	5.36	5.41	5.47	5.52
$\frac{3}{4}$	10.08	10.18	10.29	10.39	10.50	10.61	10.72	10.83	10.94	11.05
$\frac{7}{8}$	15.12	15.28	15.43	15.59	15.76	15.92	16.08	16.25	16.41	16.57

The Circumference, or Girt in Inches.

Length in feet.	201	202	203	204	205	206	207	208
1	22.32	22.54	22.77	22.99	23.22	23.45	23.68	23.90
2	44.65	45.09	45.54	45.99	46.44	46.90	47.36	47.81
3	66.98	67.64	68.32	68.99	69.67	70.35	71.04	71.72
4	89.30	90.19	91.09	91.99	92.89	93.80	94.72	95.63
5	111.63	112.74	113.86	114.99	116.12	117.25	118.40	119.54
6	133.96	135.29	136.64	137.99	139.34	140.71	142.08	143.45
7	156.28	157.84	159.41	160.99	162.57	164.16	165.76	167.36
8	178.61	180.39	182.18	183.98	185.79	187.61	189.44	191.27
9	200.94	202.94	204.96	206.98	209.02	211.06	213.12	215.18
10	223.27	225.49	227.73	229.98	232.24	234.51	236.80	239.09
11	245.59	248.04	250.50	252.98	255.47	257.96	260.48	263.00
12	267.92	270.59	273.28	275.98	278.69	281.42	284.16	286.90
13	290.25	293.14	296.05	298.98	301.92	304.87	307.84	310.81
14	312.57	315.69	318.83	321.98	325.14	328.32	331.52	334.72
15	334.90	338.24	341.60	344.97	348.37	351.77	355.20	358.63
16	357.23	360.79	364.37	367.97	371.59	375.22	378.88	382.54
17	379.56	383.34	387.15	390.97	394.81	398.67	402.56	406.45
18	401.88	405.89	409.92	413.97	418.04	422.13	426.24	430.36
19	424.21	428.44	432.69	436.97	441.26	445.58	449.92	454.27
20	446.54	450.99	455.47	459.97	464.49	469.03	473.60	478.18
21	468.86	473.54	478.24	482.97	487.71	492.48	497.28	502.09
22	491.19	496.09	501.01	505.96	510.94	515.93	520.96	526.00
23	513.52	518.64	523.79	528.96	534.16	539.39	544.64	549.90
24	535.84	541.19	546.56	551.96	557.39	562.84	568.32	573.81
25	558.17	563.74	569.34	574.96	580.61	586.29	592.00	597.72
26	580.50	586.29	592.11	597.96	603.84	609.74	615.68	621.63
27	602.82	608.84	614.88	620.96	627.06	633.19	639.36	645.54
28	625.15	631.39	637.66	643.96	650.28	656.64	663.04	669.45
29	647.48	653.94	660.43	666.96	673.51	680.10	686.72	693.36
30	669.81	676.49	683.20	689.95	696.73	703.55	710.40	717.27
31	692.13	699.04	705.98	712.95	719.96	727.00	734.08	741.18
32	714.46	721.59	728.75	735.95	743.18	750.45	757.76	765.09
33	736.79	744.14	751.52	758.95	766.41	773.90	781.44	789.00
34	759.11	766.69	774.30	781.95	789.63	797.35	805.12	812.90
35	781.44	789.24	797.02	804.95	812.86	820.81	828.80	836.81
36	803.77	811.79	819.84	827.95	836.08	844.26	852.48	860.72
37	826.10	834.34	842.62	850.95	859.31	867.71	876.16	884.63
38	848.42	856.89	865.39	873.94	882.53	891.16	899.84	908.54
39	870.75	879.44	888.17	896.94	905.76	914.61	923.52	932.45
40	893.08	901.99	910.94	919.94	928.98	938.06	947.20	956.36
41	915.40	924.54	933.71	942.94	952.20	961.52	970.88	980.26
42	937.73	947.09	956.49	965.94	975.43	984.97	994.56	1004.17
43	960.06	969.64	979.26	988.94	998.65	1008.42	1018.24	1028.08
44	982.38	992.19	1002.03	1011.94	1021.88	1031.87	1041.92	1052.00
45	1004.71	1014.74	1024.81	1034.93	1045.10	1055.32	1065.60	1075.91
$\frac{1}{4}$	5.58	5.63	5.69	5.75	5.80	5.85	5.92	5.98
$\frac{1}{2}$	11.16	11.28	11.38	11.49	11.61	11.72	11.84	11.95
$\frac{3}{4}$	16.74	16.91	17.08	17.24	17.41	17.59	17.76	17.93

The Circumference, or Girt in Inches.

Length in feet.	209	210	211	212	213	214	215	216
1	24.13	24.37	24.60	24.83	25.07	25.30	25.54	25.78
2	48.27	48.74	49.20	49.67	50.14	50.61	51.09	51.56
3	72.40	73.11	73.81	74.51	75.21	75.92	76.03	77.35
4	96.54	97.48	98.41	99.35	100.29	101.23	102.18	103.13
5	120.68	121.85	123.02	124.18	125.36	126.54	127.72	128.92
6	144.81	146.22	147.62	149.02	150.43	151.85	153.27	154.70
7	168.95	170.60	172.22	173.86	175.50	177.16	178.82	180.48
8	193.08	194.97	196.83	198.70	200.58	202.46	204.36	206.27
9	217.22	219.34	221.43	223.54	225.65	227.77	229.91	232.05
10	241.36	243.71	246.04	248.37	250.72	253.08	255.45	257.83
11	265.49	268.08	270.64	273.21	275.80	278.39	281.00	283.62
12	289.63	292.45	295.24	298.05	300.87	303.70	306.54	309.40
13	313.76	316.82	319.85	322.89	325.94	329.01	332.09	335.19
14	337.90	341.19	344.45	347.72	351.01	354.32	357.63	360.97
15	362.04	365.56	369.06	372.56	376.09	379.62	383.18	386.75
16	386.17	389.94	393.66	397.40	401.16	404.93	408.73	412.54
17	410.31	414.31	418.26	422.24	426.23	430.24	434.27	438.32
18	434.44	438.68	442.87	447.07	451.30	455.55	459.82	464.10
19	458.58	463.05	467.47	471.91	476.38	480.86	485.36	489.89
20	482.72	487.42	492.08	496.75	501.45	506.17	510.91	515.67
21	506.85	511.80	516.68	521.59	526.52	531.48	536.46	541.46
22	531.00	536.16	541.28	546.43	551.59	556.79	562.00	567.24
23	555.12	560.54	565.89	571.26	576.67	582.09	587.55	593.02
24	579.26	584.91	590.49	596.10	601.74	607.40	613.09	618.81
25	603.40	609.28	615.10	620.94	626.81	632.71	638.64	644.59
26	627.53	633.65	639.70	645.78	651.88	658.02	664.18	670.37
27	651.67	658.02	664.30	670.61	676.96	683.33	689.73	696.16
28	675.80	682.39	688.91	695.45	702.03	708.64	715.28	721.94
29	699.94	706.76	713.51	720.29	727.10	733.95	740.82	747.73
30	724.08	731.14	738.12	745.13	752.17	759.25	766.37	773.51
31	748.21	755.51	762.72	769.96	777.25	784.56	791.91	799.29
32	772.35	779.88	787.32	794.80	802.32	809.87	817.46	825.08
33	796.48	804.25	811.93	819.64	827.39	835.18	843.00	850.86
34	820.62	828.62	836.53	844.48	852.46	860.49	868.55	876.65
35	844.76	853.00	861.14	869.32	877.54	885.80	894.10	902.43
36	868.89	877.36	885.74	894.15	902.61	911.11	919.64	928.21
37	893.03	901.73	910.34	918.95	927.68	936.41	945.19	954.00
38	917.16	926.11	934.95	943.83	952.75	961.72	970.73	979.78
39	941.30	950.48	959.55	968.67	977.83	987.03	996.28	1005.56
40	965.44	974.85	984.16	993.50	1002.90	1012.38	1021.82	1031.35
41	989.57	999.22	1008.76	1018.34	1027.97	1037.65	1047.37	1057.13
42	1013.71	1023.59	1033.36	1043.18	1053.04	1062.96	1072.92	1082.92
43	1037.84	1047.96	1057.97	1068.62	1078.12	1088.26	1098.46	1108.70
44	1061.98	1072.33	1082.57	1092.85	1103.19	1113.57	1124.01	1134.48
45	1086.12	1096.70	1107.18	1117.69	1128.56	1138.88	1149.55	1160.27
1/4	6.03	6.09	6.15	6.21	6.27	6.33	6.38	6.44
1/2	12.06	12.18	12.30	12.42	12.53	12.65	12.77	12.89
3/4	18.10	18.27	18.45	18.68	18.80	18.93	19.15	19.34

The Circumference, or Girt in Inches.

Length in feet.	217	218	219	220	221	222	223	224
1	26.02	26.26	26.50	26.74	26.99	27.23	27.48	27.73
2	52.04	52.52	53.01	53.49	53.98	54.47	54.96	55.47
3	78.06	78.79	79.51	80.24	80.97	81.70	82.44	83.20
4	104.09	105.05	106.02	106.99	107.96	108.94	109.92	110.94
5	130.11	131.31	132.52	133.73	134.95	136.18	137.41	138.67
6	156.14	157.58	159.03	160.48	161.94	163.41	164.89	166.41
7	182.16	183.84	185.53	187.23	188.94	190.65	192.37	194.14
8	208.18	210.10	212.04	213.98	215.93	217.89	219.85	221.88
9	234.20	236.37	238.54	240.73	242.92	245.12	247.33	249.61
10	260.23	262.63	265.05	267.47	269.91	272.36	274.82	277.35
11	286.25	288.90	291.55	294.22	296.90	299.60	302.30	305.08
12	312.27	315.16	318.06	320.97	323.89	326.83	329.78	332.81
13	338.30	341.42	344.56	347.72	350.88	354.07	357.26	360.55
14	364.32	367.69	371.07	374.46	377.88	381.30	384.74	388.28
15	390.95	393.95	397.57	401.21	404.87	408.54	412.23	416.02
16	416.37	420.21	424.08	427.96	431.86	435.78	439.71	443.75
17	442.39	446.48	450.58	454.71	458.85	463.01	467.19	471.49
18	468.41	472.74	477.09	481.45	485.84	490.25	494.67	499.22
19	494.44	499.00	503.59	508.20	512.83	517.48	522.15	526.96
20	520.46	525.27	530.10	534.95	539.82	544.72	549.64	554.70
21	546.48	551.53	556.60	561.70	566.81	571.96	577.12	582.43
22	572.51	577.80	583.11	588.45	593.81	599.19	604.60	610.16
23	598.53	604.06	609.61	615.19	620.80	626.43	632.08	637.90
24	624.55	630.32	636.12	641.94	647.79	653.66	659.56	665.63
25	650.58	656.59	662.62	668.69	674.78	680.90	787.05	693.37
26	676.60	682.85	689.13	695.44	701.77	708.14	714.53	721.10
27	702.62	709.11	715.63	722.18	728.76	735.37	742.01	748.84
28	728.65	735.38	742.14	748.93	755.75	762.61	769.49	776.57
29	754.67	761.64	768.64	775.68	782.75	789.85	796.97	804.31
30	780.69	787.90	795.15	802.43	809.74	817.08	824.46	832.04
31	806.72	814.17	821.65	829.17	836.73	844.32	851.94	859.78
32	832.74	840.43	848.16	855.92	863.72	871.55	879.42	887.51
33	858.76	866.70	874.66	882.67	890.71	898.79	906.90	915.25
34	884.78	892.96	901.17	909.42	917.70	926.03	934.38	942.98
35	910.81	919.22	927.67	936.17	944.70	953.26	961.87	970.72
36	936.83	945.49	954.18	962.91	971.69	980.50	989.35	998.45
37	962.85	971.75	980.68	989.66	998.68	1007.74	1016.83	1026.19
38	988.88	998.01	1007.19	1016.41	1025.67	1034.97	1044.31	1053.92
39	1014.90	1024.28	1033.69	1043.16	1052.66	1062.21	1071.80	1081.66
40	1040.92	1050.54	1060.20	1069.90	1079.65	1089.44	1099.28	1109.39
41	1066.95	1076.80	1086.70	1096.65	1106.64	1116.68	1126.76	1137.13
42	1092.97	1103.07	1113.21	1123.40	1133.63	1143.92	1154.24	1164.86
43	1119.00	1129.33	1139.71	1150.15	1160.63	1171.15	1181.72	1192.60
44	1145.02	1155.59	1166.22	1176.90	1187.62	1198.39	1209.20	1220.33
45	1171.04	1181.86	1192.72	1203.64	1214.61	1225.63	1236.69	1248.07
$\frac{1}{4}$	6.50	6.56	6.62	6.68	6.75	6.81	6.87	6.93
$\frac{1}{2}$	13.01	13.13	13.25	13.37	13.49	13.61	13.74	13.86
$\frac{3}{4}$	19.51	19.70	19.87	20.05	20.24	20.42	20.61	20.80

The Circumference, or Girt in Inches.

Length in feet.	225	226	227	228	229	230	231	232
1	27.97	28.22	28.47	28.72	28.98	29.23	29.49	29.74
2	55.95	56.45	56.95	57.45	57.96	58.47	58.97	59.49
3	83.93	84.67	85.43	86.18	86.94	87.70	88.46	89.23
4	111.90	112.90	113.90	114.91	115.92	116.93	117.95	118.98
5	139.88	141.13	142.38	143.64	144.90	146.17	147.44	148.72
6	167.86	169.35	170.86	172.36	173.88	175.40	176.93	178.47
7	195.83	197.58	199.33	201.09	202.86	204.64	206.42	208.21
8	223.81	225.80	227.81	229.82	231.84	233.87	235.91	237.96
9	251.79	254.03	256.29	258.55	260.82	263.11	265.40	267.70
10	279.77	282.26	284.77	287.28	289.80	292.34	294.89	297.45
11	307.74	310.48	313.24	316.00	318.79	321.58	324.38	327.19
12	335.72	338.71	341.72	344.73	347.77	350.81	353.86	356.94
13	363.70	366.93	370.20	373.46	376.75	380.05	383.35	386.68
14	391.67	395.16	398.67	402.19	405.73	409.28	412.84	416.43
15	419.65	423.39	427.15	430.92	434.71	438.52	442.33	446.17
16	447.63	451.61	455.63	459.64	463.69	467.75	471.82	475.92
17	475.60	479.84	484.10	488.37	492.67	496.98	501.31	505.66
18	503.58	508.06	512.58	517.10	521.65	526.22	530.80	535.41
19	531.56	536.29	541.06	545.83	550.63	555.45	560.29	565.15
20	559.54	564.52	569.53	574.56	579.61	584.69	589.78	594.90
21	587.51	592.74	598.01	603.28	608.60	613.92	619.27	624.64
22	615.49	620.97	626.49	632.01	637.57	643.16	648.75	654.39
23	643.47	649.20	654.96	660.74	666.56	672.39	678.24	684.13
24	671.44	677.42	683.44	689.47	695.54	701.63	707.73	713.83
25	699.42	705.65	711.92	718.20	724.52	730.86	737.22	743.62
26	727.40	733.87	740.39	746.92	753.50	760.10	766.71	773.37
27	755.38	762.10	768.87	775.65	782.48	789.33	796.20	803.11
28	783.35	790.32	797.35	804.38	811.46	818.56	825.69	832.86
29	811.33	818.55	825.83	833.11	840.44	847.80	855.18	862.60
30	839.31	846.78	854.30	861.84	869.42	877.03	884.67	892.35
31	867.28	875.00	882.78	890.56	898.40	906.27	914.16	922.09
32	895.26	903.23	911.26	919.29	927.38	935.50	943.64	951.84
33	923.24	931.45	939.73	948.02	956.36	964.74	973.13	981.58
34	951.21	959.68	968.21	976.75	985.35	993.97	1002.62	1011.33
35	979.19	987.91	996.69	1005.48	1014.33	1023.21	1032.11	1041.07
36	1007.17	1016.13	1025.16	1034.20	1043.31	1052.44	1061.60	1070.82
37	1035.15	1044.36	1053.64	1062.93	1072.29	1081.68	1091.09	1100.56
38	1063.12	1072.58	1082.12	1091.66	1101.27	1110.91	1120.58	1130.31
39	1091.10	1100.81	1110.60	1120.39	1130.25	1140.15	1150.07	1160.05
40	1119.08	1129.04	1139.07	1149.12	1159.23	1169.38	1179.56	1189.80
41	1147.05	1157.26	1167.55	1177.84	1188.21	1198.61	1209.05	1219.54
42	1175.03	1185.49	1196.03	1206.57	1217.19	1227.85	1238.53	1249.29
43	1203.01	1213.71	1224.50	1235.31	1246.17	1257.08	1268.02	1279.04
44	1230.99	1241.94	1252.98	1264.04	1275.15	1286.32	1297.51	1308.79
45	1258.97	1270.17	1281.46	1292.77	1304.14	1315.55	1327.01	1338.53
$\frac{1}{4}$	6.99	7.05	7.12	7.18	7.24	7.31	7.37	7.43
$\frac{1}{2}$	13.98	14.11	14.24	14.36	14.49	14.61	14.74	14.87
$\frac{3}{4}$	20.98	21.17	21.36	21.54	21.73	21.92	22.12	22.30

The Circumference, or Girt in Inches.

Length in feet.	233	234	235	236	237	238	239	240
1	30.00	30.26	30.52	30.78	31.04	31.30	31.57	31.83
2	60.00	60.52	61.03	61.55	62.08	62.60	63.14	63.66
3	90.00	90.78	91.55	92.33	93.12	93.91	94.71	95.49
4	120.00	121.04	122.07	123.11	124.16	125.21	126.29	127.32
5	150.01	151.30	152.59	153.89	155.20	156.51	157.86	159.16
6	180.01	181.56	183.11	184.67	186.24	187.82	189.43	190.99
7	210.01	211.82	213.63	215.45	217.28	219.12	221.01	222.82
8	240.01	242.08	244.15	246.23	248.32	250.42	252.58	254.65
9	270.01	272.34	274.67	277.01	279.37	281.73	284.15	286.48
10	300.02	302.60	305.19	307.79	310.41	313.03	315.73	318.32
11	330.02	332.86	335.71	338.56	341.45	344.34	347.30	350.15
12	360.02	363.12	366.23	369.34	372.49	375.64	378.87	381.98
13	390.02	393.38	396.75	400.12	403.53	406.94	410.45	413.81
14	420.02	423.64	427.27	430.90	434.57	438.25	442.02	445.64
15	450.03	453.90	457.79	461.68	465.61	469.55	473.59	477.48
16	480.03	484.16	488.31	492.46	496.65	500.85	505.17	509.31
17	510.03	514.42	518.83	423.24	527.69	532.16	536.74	541.14
18	540.03	544.68	549.35	554.02	558.74	563.46	568.31	572.97
19	570.03	574.94	579.86	584.80	589.78	594.76	599.88	604.80
20	600.04	605.20	610.38	615.58	620.82	626.07	631.46	636.64
21	630.04	635.46	640.90	646.36	651.86	657.37	663.03	668.47
22	660.04	665.72	671.42	677.13	682.90	688.68	694.60	700.30
23	690.04	695.98	701.94	707.91	713.94	719.98	726.18	732.13
24	720.04	726.24	732.46	738.69	744.98	751.28	757.75	763.96
25	750.05	756.50	762.98	769.47	776.02	782.59	789.32	795.80
26	780.05	786.76	793.50	800.25	807.06	813.89	820.90	827.63
27	810.05	817.02	824.02	831.03	838.10	845.19	852.47	859.46
28	840.05	847.28	854.54	861.81	869.14	876.50	884.04	891.29
29	870.05	877.54	885.06	892.59	900.19	907.80	915.61	923.12
30	900.06	907.80	915.58	923.37	931.23	939.10	947.19	954.36
31	930.06	938.06	946.10	954.15	962.27	970.41	978.76	986.79
32	960.06	968.32	976.62	984.92	993.31	1001.71	1010.33	1018.62
33	990.06	998.58	1007.14	1015.70	1024.35	1033.01	1041.91	1050.45
34	1020.06	1028.94	1037.66	1046.48	1055.39	1064.32	1073.48	1082.28
35	1050.07	1059.10	1068.18	1077.26	1086.43	1095.62	1105.05	1114.12
36	1080.07	1089.36	1098.70	1108.04	1117.47	1126.93	1136.62	1145.95
37	1110.07	1119.62	1129.21	1138.82	1148.51	1158.23	1168.20	1177.78
38	1140.07	1149.88	1159.73	1169.60	1179.55	1189.53	1199.77	1209.61
39	1170.07	1180.14	1190.25	1200.38	1210.60	1220.84	1231.34	1241.44
40	1200.08	1210.40	1220.77	1231.16	1241.64	1252.14	1262.92	1273.28
41	1230.08	1240.66	1251.29	1261.94	1272.68	1283.44	1294.49	1305.11
42	1260.08	1270.92	1281.81	1292.71	1303.72	1314.75	1326.06	1336.94
43	1290.08	1301.18	1312.83	1323.49	1334.76	1346.05	1357.63	1368.77
44	1320.08	1331.44	1342.85	1354.27	1365.80	1377.35	1389.21	1400.60
45	1350.09	1361.70	1373.37	1385.05	1396.84	1408.66	1420.78	1432.44
$\frac{1}{4}$	7.50	7.56	7.63	7.69	7.76	7.82	7.89	7.96
$\frac{1}{2}$	15.00	15.13	15.26	15.39	15.52	15.65	15.78	15.96
$\frac{3}{4}$	22.50	22.69	22.89	23.08	23.28	23.47	23.88	23.92

The Circumference, or Girt in Inches.

Length in feet.	241	242	243	244	245	246	247	248
1	32.09	32.36	32.63	32.90	33.17	33.44	33.72	33.99
2	64.19	64.73	65.27	65.80	66.34	68.88	67.44	67.98
3	96.29	97.09	97.91	98.70	99.51	100.33	101.16	101.96
4	128.39	129.45	130.55	131.60	132.68	133.77	134.88	135.95
5	160.49	161.82	163.19	164.51	165.86	167.21	168.60	169.94
6	192.58	194.18	195.83	197.41	199.03	200.66	202.32	203.93
7	224.68	226.55	228.47	230.31	232.20	234.10	236.04	237.92
8	256.78	258.91	261.10	263.21	265.37	267.54	269.76	271.91
9	288.88	291.28	293.74	296.11	298.54	300.99	303.49	305.90
10	320.97	323.64	326.38	329.02	331.72	334.43	337.21	339.89
11	353.07	356.01	359.02	361.92	364.89	367.87	370.93	373.88
12	385.17	388.37	391.66	394.82	398.06	401.32	404.65	407.87
13	417.27	420.74	424.30	427.72	431.23	434.76	438.37	441.86
14	449.37	453.10	456.94	460.62	464.40	468.20	472.09	475.85
15	481.46	485.47	489.57	493.53	497.58	501.65	505.81	509.84
16	513.56	517.83	522.21	526.43	530.75	535.09	539.53	543.83
17	545.56	550.20	554.85	559.33	563.92	568.53	573.25	577.82
18	577.76	582.56	587.49	592.23	597.09	601.98	606.97	611.81
19	609.85	614.93	620.13	625.13	630.26	635.42	640.70	645.80
20	641.95	647.30	652.77	658.04	663.44	668.86	674.42	679.79
21	674.05	679.65	685.40	690.94	696.61	702.31	708.14	713.78
22	706.15	712.02	718.04	723.84	729.78	735.75	741.86	747.77
23	738.24	744.38	750.68	756.74	762.95	769.19	775.58	781.75
24	770.34	776.75	783.32	789.64	796.12	802.64	809.30	815.74
25	802.44	809.11	815.96	822.55	829.30	836.08	843.02	849.73
26	834.54	841.48	848.60	855.45	862.47	869.52	876.74	883.72
27	866.64	873.84	881.24	888.35	895.64	902.97	910.46	917.71
28	898.73	906.21	913.87	921.25	928.81	936.41	944.18	951.70
29	930.83	938.57	946.51	954.15	961.98	969.85	977.91	985.69
30	962.93	970.94	979.15	987.06	995.16	1003.30	1011.63	1019.68
31	995.03	1003.30	1011.79	1019.96	1028.33	1036.74	1045.35	1053.67
32	1027.13	1035.67	1044.43	1052.86	1061.50	1070.18	1079.07	1087.66
33	1059.22	1068.03	1077.07	1085.76	1094.67	1103.63	1112.79	1121.65
34	1091.32	1100.40	1109.71	1118.66	1127.84	1137.07	1146.51	1155.64
35	1123.42	1132.76	1142.34	1151.57	1161.02	1170.52	1180.23	1189.63
36	1155.52	1165.13	1174.98	1184.47	1194.19	1203.96	1213.95	1223.62
37	1187.61	1197.49	1207.62	1217.37	1227.36	1237.40	1247.67	1257.61
38	1219.71	1229.86	1240.26	1250.27	1260.53	1270.85	1281.40	1291.60
39	1251.81	1262.22	1272.90	1283.17	1293.70	1304.29	1315.12	1325.59
40	1283.91	1294.58	1305.54	1316.08	1326.88	1337.73	1348.84	1359.58
41	1316.00	1326.95	1338.17	1348.98	1360.05	1371.18	1382.56	1393.57
42	1348.10	1359.31	1370.81	1381.88	1393.22	1404.62	1416.28	1427.56
43	1380.20	1391.68	1403.45	1414.78	1426.39	1438.06	1450.00	1461.55
44	1412.30	1424.04	1436.09	1447.68	1459.36	1471.51	1483.72	1495.54
45	1444.40	1456.41	1468.73	1480.59	1492.74	1504.95	1517.44	1529.52
$\frac{1}{4}$	8.02	8.09	8.16	8.22	8.29	8.36	8.43	8.49
$\frac{1}{2}$	16.04	16.18	16.31	16.45	16.58	16.72	16.86	16.99
$\frac{3}{4}$	24.07	24.27	24.47	24.67	24.88	25.08	25.29	25.49

The Circumference, or Girt in Inches.

Length in feet.	249	250	251	252	253	254	255	256
1	34.26	34.54	34.81	35.09	35.37	35.65	35.93	36.21
2	68.52	69.08	69.63	70.19	70.74	71.30	71.86	72.43
3	102.79	103.62	104.45	105.28	106.12	106.96	107.79	108.65
4	137.05	138.16	139.26	140.37	141.49	142.61	143.72	144.86
5	171.32	172.74	170.08	175.47	176.87	178.27	179.65	181.08
6	205.58	207.24	208.90	210.56	212.24	213.92	215.58	217.30
7	239.84	241.78	243.71	245.66	247.61	249.57	251.51	253.51
8	274.11	276.32	278.53	280.75	282.99	285.23	287.44	289.73
9	308.37	310.86	313.35	315.85	318.36	320.88	323.37	325.95
10	342.64	345.40	348.16	350.94	353.73	356.54	359.30	362.16
11	376.90	379.94	382.98	386.04	389.11	392.19	395.23	398.38
12	411.16	414.48	417.80	421.12	424.48	427.84	431.16	434.60
13	445.43	449.02	452.61	456.23	459.86	463.50	467.09	470.81
14	479.69	483.56	487.43	491.32	495.23	499.15	503.02	507.03
15	513.96	518.10	522.25	526.42	530.60	534.81	538.95	543.25
16	548.22	552.64	557.06	561.51	565.98	570.46	574.88	579.46
17	582.48	587.18	591.88	596.61	601.35	606.11	610.81	615.68
18	616.75	621.72	626.70	631.70	636.72	641.77	646.74	651.90
19	651.01	656.26	661.51	666.80	672.10	677.42	682.67	688.11
20	685.28	690.80	696.33	701.89	707.47	713.08	718.60	724.33
21	719.54	725.33	731.15	736.99	742.85	748.73	754.53	760.55
22	753.80	759.87	765.96	772.08	778.22	784.38	790.46	796.76
23	788.07	794.41	800.78	807.17	813.59	820.04	826.39	832.98
24	822.33	828.95	835.60	842.27	848.97	855.69	862.32	869.20
25	856.60	863.49	870.42	877.36	884.34	891.35	898.25	905.41
26	890.86	898.03	905.23	912.40	919.71	927.00	934.18	941.63
27	925.12	932.57	940.05	947.55	955.09	962.65	970.11	977.85
28	959.39	967.11	974.87	982.65	990.46	998.31	1006.04	1014.06
29	993.65	1001.65	1009.68	1017.74	1025.84	1033.96	1041.97	1050.28
30	1027.92	1036.19	1044.50	1052.84	1061.21	1069.62	1077.90	1086.50
31	1062.18	1070.73	1079.32	1087.93	1096.58	1105.27	1113.83	1122.71
32	1096.44	1105.27	1114.13	1123.02	1131.96	1140.92	1149.76	1158.93
33	1130.71	1139.81	1148.95	1158.12	1167.33	1176.58	1185.69	1195.15
34	1164.97	1174.35	1183.77	1193.22	1202.71	1212.23	1221.62	1231.36
35	1199.24	1208.89	1218.58	1228.31	1238.08	1247.89	1257.55	1267.58
36	1233.50	1243.43	1253.40	1263.41	1273.45	1283.54	1293.48	1303.80
37	1267.76	1277.97	1288.22	1298.50	1308.83	1319.20	1329.41	1340.01
38	1302.03	1312.51	1323.03	1333.60	1344.20	1354.85	1365.34	1376.23
39	1336.29	1347.05	1357.85	1368.69	1379.57	1390.50	1401.27	1412.45
40	1370.56	1381.59	1392.67	1403.78	1414.95	1426.16	1437.20	1448.66
41	1404.82	1416.13	1427.48	1438.88	1450.32	1461.81	1473.17	1484.88
42	1439.08	1450.67	1462.30	1473.97	1485.70	1497.46	1509.06	1521.10
43	1473.35	1485.21	1497.12	1509.07	1521.07	1533.12	1544.99	1557.31
44	1507.61	1519.75	1531.94	1544.16	1556.44	1568.77	1580.92	1593.53
45	1541.88	1554.29	1566.75	1579.26	1591.82	1604.43	1616.85	1629.75
$\frac{1}{4}$	8.56	8.63	8.70	8.77	8.84	8.91	8.98	9.05
$\frac{1}{2}$	17.13	17.27	17.40	17.54	17.68	17.82	17.96	18.10
$\frac{3}{4}$	25.69	25.90	26.11	26.32	26.53	26.74	26.95	27.16

The Circumference, or Girt in Inches.

Length in feet.	257	258	259	260	261	262	263	264
1	36.50	36.78	37.07	37.35	37.64	37.93	38.22	38.51
2	73.00	73.57	74.14	74.71	75.29	75.87	76.45	77.03
3	109.50	110.35	111.21	112.07	112.93	113.80	114.67	115.55
4	146.00	147.14	148.28	149.43	150.58	151.74	152.90	154.06
5	182.50	183.93	185.35	186.78	188.23	189.67	191.12	192.58
6	219.00	220.71	222.43	224.14	225.87	227.61	229.35	231.10
7	255.50	257.50	259.50	261.50	263.52	265.54	267.57	269.61
8	292.00	294.28	296.57	298.85	301.17	303.48	305.80	308.13
9	328.50	331.07	333.64	336.21	338.81	341.41	344.02	346.65
10	365.01	367.85	370.71	373.57	376.46	379.35	382.25	385.16
11	401.51	404.64	407.78	410.93	414.11	417.28	420.48	423.68
12	438.01	441.43	444.85	448.28	451.75	455.22	458.70	462.20
13	474.51	478.21	481.93	485.64	489.40	493.15	497.93	500.71
14	511.01	515.00	519.00	523.00	527.04	531.09	535.15	539.23
15	547.51	551.78	556.07	560.35	564.69	569.03	573.38	577.75
16	584.01	588.57	593.14	597.71	602.34	606.96	611.60	616.26
17	620.51	625.35	630.21	635.07	639.98	644.90	649.83	654.78
18	657.01	662.14	667.28	672.43	677.63	682.83	688.05	693.30
19	693.51	698.93	704.35	709.78	715.27	720.77	726.28	731.81
20	730.02	735.71	741.43	747.14	752.92	758.70	764.50	770.33
21	766.52	772.50	778.50	784.50	790.57	796.64	802.73	808.85
22	803.02	809.28	815.57	821.86	828.21	834.57	840.95	847.36
23	839.52	846.07	852.64	859.21	865.86	872.51	879.18	885.88
24	876.02	882.86	889.71	896.57	903.51	910.44	917.41	924.40
25	912.52	919.64	926.78	933.93	941.15	948.38	955.63	962.91
26	949.02	956.43	963.86	971.29	978.80	986.31	993.86	1001.43
27	985.52	993.21	1000.93	1008.64	1016.45	1024.25	1032.08	1039.95
28	1022.02	1030.00	1038.00	1046.00	1054.09	1062.18	1070.31	1078.46
29	1058.53	1066.78	1075.07	1083.36	1091.74	1100.12	1108.53	1116.98
30	1095.03	1103.57	1112.14	1120.72	1129.39	1138.06	1146.76	1155.50
31	1131.53	1140.36	1149.21	1158.07	1167.03	1175.99	1184.98	1194.01
32	1168.03	1177.14	1186.28	1195.43	1204.68	1213.93	1223.21	1232.53
33	1204.53	1213.93	1223.36	1232.79	1242.32	1251.86	1261.43	1271.05
34	1241.03	1250.71	1260.43	1270.14	1279.97	1289.80	1299.66	1309.56
35	1277.53	1287.50	1297.50	1307.50	1317.62	1327.73	1337.88	1348.08
36	1314.03	1324.28	1334.57	1344.86	1355.26	1365.67	1376.11	1386.60
37	1350.53	1361.07	1371.64	1382.22	1392.91	1403.60	1414.34	1425.11
38	1387.03	1397.86	1408.71	1419.57	1430.56	1441.54	1452.56	1463.63
39	1423.54	1434.64	1445.78	1456.93	1468.20	1479.47	1490.79	1502.15
40	1460.04	1471.43	1482.86	1494.29	1505.85	1517.41	1529.01	1540.66
41	1496.54	1508.21	1519.93	1531.65	1543.50	1555.34	1567.24	1579.18
42	1533.04	1545.00	1557.00	1569.00	1581.14	1593.28	1605.46	1617.70
43	1569.54	1581.79	1594.07	1606.36	1618.79	1631.21	1643.69	1656.21
44	1606.04	1618.57	1631.14	1643.72	1656.43	1669.15	1681.91	1694.73
45	1642.54	1655.36	1668.21	1681.07	1694.08	1707.08	1720.14	1733.25
$\frac{1}{4}$	9.12	9.19	9.27	9.34	9.41	9.48	9.55	9.62
$\frac{1}{2}$	18.25	18.39	18.53	18.68	18.82	18.96	19.11	19.25
$\frac{3}{4}$	27.37	27.58	27.80	28.02	28.23	28.45	28.66	28.88

The Circumference, or Girt in Inches.

Length in feet.	265	266	267	268	269	270	271	272
1	38.81	39.10	39.39	39.69	39.98	40.28	40.58	40.88
2	77.61	78.20	78.79	79.38	79.98	80.57	81.17	81.77
3	116.42	117.30	118.19	119.07	119.97	120.86	121.75	122.66
4	155.23	156.41	157.58	158.76	159.95	161.15	162.34	163.54
5	194.04	195.51	196.98	198.46	199.94	201.43	202.92	204.43
6	232.85	234.61	236.38	238.15	239.93	241.72	243.51	245.31
7	271.66	273.71	275.78	277.84	279.92	282.01	284.10	286.20
8	310.47	312.82	315.17	317.53	319.91	322.30	324.68	327.09
9	349.28	351.92	354.57	357.22	359.90	362.58	365.27	367.97
10	388.09	391.02	393.97	396.92	399.89	402.87	405.85	408.86
11	526.90	430.12	433.36	436.61	439.88	443.16	446.44	449.75
12	465.70	469.23	472.76	476.30	479.87	483.44	487.02	490.63
13	504.51	508.33	512.16	515.99	519.86	523.73	527.61	531.52
14	543.32	547.43	551.55	555.68	559.85	564.02	568.20	572.41
15	482.13	586.53	590.95	595.38	599.84	604.31	608.78	613.29
16	620.94	625.64	630.35	635.07	639.83	644.60	649.37	654.18
17	659.75	664.74	669.74	674.76	679.82	684.88	689.95	695.06
18	698.56	703.84	709.14	714.45	719.81	725.17	730.54	735.95
19	737.37	742.94	748.54	754.14	759.79	765.46	771.12	776.84
20	776.18	782.05	787.94	793.84	799.79	805.74	811.71	817.72
21	814.99	821.15	827.33	833.53	839.77	846.03	852.30	858.61
22	853.79	860.25	866.73	873.22	879.76	886.32	892.88	899.50
23	892.60	899.35	906.13	912.91	919.75	926.61	933.47	949.38
24	931.41	938.46	945.52	952.60	959.74	966.89	974.05	981.27
25	970.22	977.56	984.92	992.30	999.73	1007.18	1014.64	1022.16
26	1009.03	1016.66	1024.32	1031.99	1039.72	1047.47	1055.22	1063.04
27	1047.84	1055.76	1063.71	1071.68	1079.71	1087.75	1095.81	1103.93
28	1086.65	1094.87	1103.11	1111.37	1119.70	1128.04	1136.40	1144.82
29	1125.46	1133.97	1142.51	1151.06	1159.69	1168.33	1176.98	1185.70
30	1164.27	1173.07	1181.91	1190.76	1199.68	1208.62	1217.57	1226.59
31	1203.08	1212.17	1221.30	1230.45	1239.67	1248.91	1258.15	1267.47
32	1241.88	1251.28	1260.70	1270.14	1279.66	1289.19	1298.74	1308.36
33	1280.69	1290.38	1300.10	1309.83	1319.65	1329.48	1339.32	1349.25
34	1319.50	1329.48	1339.49	1349.52	1359.94	1369.77	1379.91	1390.13
35	1358.31	1368.58	1378.89	1389.22	1399.63	1410.06	1420.50	1431.02
36	1397.12	1407.69	1418.29	1428.91	1439.62	1450.34	1461.08	1471.91
37	1435.93	1446.79	1457.68	1468.60	1479.60	1490.63	1501.67	1512.79
38	1474.74	1485.89	1497.08	1508.29	1519.59	1530.92	1542.25	1553.68
39	1513.55	1524.99	1536.48	1547.98	1559.58	1571.20	1582.84	1594.57
40	1552.36	1564.10	1575.88	1587.68	1599.57	1611.49	1623.42	1635.45
41	1591.17	1603.20	1615.27	1627.37	1639.56	1651.78	1664.01	1676.34
42	1629.97	1642.30	1654.67	1667.06	1679.55	1692.07	1704.60	1717.22
43	1668.78	1681.40	1694.07	1706.75	1719.54	1732.35	1745.18	1758.11
44	1707.59	1720.51	1733.46	1746.44	1759.53	1772.64	1785.77	1799.00
45	1746.40	1759.61	1772.86	1786.14	1799.52	1812.93	1826.35	1839.88
$\frac{1}{4}$	9.70	9.81	9.85	9.92	9.99	10.07	10.14	10.22
$\frac{1}{2}$	19.40	19.62	19.69	19.84	19.99	20.14	20.29	20.44
$\frac{3}{4}$	29.11	29.44	29.54	29.77	29.99	30.21	30.43	30.66

The Circumference, or Girt in Inches.

Length in feet.	273	274	275	276	277	278	279	280
1	41.18	41.48	41.79	42.09	42.40	42.71	43.01	43.32
2	82.37	82.97	83.58	84.19	84.80	85.42	86.03	86.65
3	123.56	124.47	125.38	126.29	127.21	128.13	129.05	129.98
4	164.75	165.96	167.17	168.39	169.61	170.84	172.07	173.30
5	205.93	207.45	208.96	210.49	212.01	213.55	215.09	216.63
6	247.12	248.94	250.75	252.58	254.42	256.26	258.10	259.96
7	288.31	290.43	292.55	294.68	296.82	298.97	301.12	303.28
8	329.50	331.92	334.34	336.78	339.22	341.68	344.14	346.61
9	370.68	373.41	376.13	378.88	381.63	384.39	387.16	389.94
10	411.87	414.90	417.93	420.97	424.03	427.10	430.18	433.26
11	453.06	456.39	459.72	463.07	466.43	469.81	473.19	476.59
12	494.25	497.87	501.51	505.17	508.84	512.52	516.21	519.92
13	535.43	539.36	543.31	547.27	551.24	555.23	559.23	563.24
14	576.62	580.85	585.10	589.36	593.64	597.94	602.25	606.57
15	617.81	622.34	626.89	631.46	636.05	640.65	645.26	649.90
16	659.00	663.83	668.68	673.56	678.45	683.35	688.28	693.22
17	700.19	705.32	710.48	715.66	720.85	726.07	731.30	736.55
18	741.37	746.81	752.27	757.76	763.26	768.78	774.32	779.88
19	782.56	788.30	794.06	799.85	805.66	811.49	817.34	823.20
20	823.75	829.79	835.86	841.95	848.06	854.20	860.35	866.53
21	864.94	871.28	877.65	884.05	890.47	896.91	903.37	909.86
22	906.12	912.77	919.44	926.15	932.87	939.62	946.39	953.19
23	947.31	954.26	961.24	968.25	975.27	982.33	989.41	996.51
24	988.50	995.75	1003.03	1010.34	1017.68	1025.04	1032.43	1039.84
25	1029.69	1037.24	1044.82	1052.44	1060.08	1067.75	1075.44	1083.17
26	1070.87	1078.73	1086.61	1094.54	1102.48	1110.46	1118.46	1126.49
27	1112.06	1120.22	1128.41	1136.64	1144.89	1153.17	1161.48	1169.82
28	1153.25	1161.71	1170.20	1178.73	1187.29	1195.88	1204.50	1213.15
29	1194.44	1203.20	1211.99	1220.83	1229.69	1238.59	1247.52	1256.47
30	1235.62	1244.69	1253.79	1262.93	1272.10	1281.30	1290.53	1299.80
31	1276.81	1286.18	1295.58	1305.03	1314.50	1324.01	1333.55	1343.13
32	1318.00	1327.67	1337.37	1347.13	1356.90	1366.72	1376.57	1386.45
33	1359.19	1369.16	1379.16	1389.22	1399.31	1409.43	1419.59	1429.78
34	1400.37	1410.65	1420.96	1431.32	1441.17	1452.14	1462.60	1473.11
35	1441.56	1452.14	1462.75	1473.42	1484.12	1494.85	1505.62	1516.43
36	1482.75	1493.63	1504.54	1515.52	1526.52	1537.56	1548.64	1559.76
37	1523.94	1535.12	1546.34	1557.61	1568.92	1580.27	1591.66	1603.09
38	1565.12	1576.61	1588.13	1599.71	1611.33	1622.98	1634.68	1646.41
39	1606.31	1618.10	1629.92	1641.81	1653.73	1665.69	1677.69	1689.74
40	1647.50	1659.59	1671.72	1683.91	1696.13	1708.40	1720.71	1733.07
41	1688.69	1701.08	1713.51	1726.00	1738.53	1751.11	1763.73	1776.39
42	1729.87	1742.57	1755.30	1768.10	1780.94	1793.82	1806.75	1819.72
43	1771.06	1784.06	1797.09	1810.20	1823.34	1836.53	1849.77	1863.05
44	1812.25	1825.55	1838.89	1852.30	1865.75	1879.24	1892.78	1906.37
45	1853.44	1867.04	1880.68	1894.40	1908.15	1921.95	1935.80	1949.70
1/4	10.29	10.37	10.45	10.5	10.60	10.68	10.75	10.83
1/2	20.59	20.74	20.89	21.05	21.20	21.35	21.55	21.66
3/4	30.88	31.12	31.34	31.5	31.80	31.98	32.31	32.49

The Circumference, or Girt in Inches.

Length in feet.	281	282	283	284	285	286	287	288
1	43.63	43.94	44.26	44.57	44.88	45.20	45.52	45.83
2	87.27	87.89	88.52	89.14	89.71	90.40	91.04	91.67
3	130.91	131.84	132.78	133.72	134.66	135.61	136.56	137.51
4	174.54	175.79	177.04	178.29	179.55	180.81	182.08	183.35
5	218.18	219.74	221.30	222.86	224.44	226.01	227.60	229.19
6	261.82	263.68	265.56	267.44	269.32	271.22	273.12	275.03
7	305.45	307.63	309.82	312.01	314.21	316.42	318.64	320.86
8	349.09	351.58	354.08	356.58	359.10	361.62	364.16	366.70
9	392.73	395.53	398.34	401.16	403.99	406.83	409.68	412.54
10	436.37	439.48	442.60	445.73	448.87	452.03	455.20	458.38
11	480.00	483.42	486.88	490.31	493.76	497.24	500.72	504.22
12	523.64	527.37	531.12	534.88	538.65	542.44	546.24	550.05
13	567.28	571.32	575.38	579.45	583.54	587.64	591.75	595.89
14	610.91	615.27	619.64	624.03	628.43	632.85	637.28	641.73
15	654.55	659.22	663.90	668.60	673.31	678.05	682.80	687.57
16	698.19	703.16	708.16	713.17	718.20	723.25	728.32	733.41
17	741.82	747.11	752.42	757.75	763.09	768.46	773.84	779.24
18	785.46	791.06	796.68	802.32	807.98	813.66	819.36	825.08
19	829.10	835.01	840.94	846.89	852.86	858.86	864.88	870.92
20	872.73	878.96	885.20	891.47	897.75	904.07	910.40	916.76
21	916.37	922.90	929.46	936.04	942.64	949.27	955.92	962.60
22	960.01	966.85	973.72	980.62	987.53	994.48	1001.44	1008.43
23	1003.64	1010.80	1017.98	1025.19	1032.42	1039.68	1046.96	1054.27
24	1047.28	1054.75	1062.24	1069.76	1077.30	1084.88	1092.48	1100.11
25	1090.92	1098.70	1106.50	1114.34	1122.19	1130.09	1138.00	1145.95
26	1134.56	1142.64	1150.76	1158.91	1167.08	1175.29	1183.52	1191.79
27	1178.19	1186.59	1195.02	1203.48	1211.97	1220.49	1229.04	1237.62
28	1221.83	1230.54	1239.28	1248.06	1256.85	1265.70	1274.56	1283.46
29	1265.47	1274.49	1283.54	1292.63	1301.74	1310.90	1320.08	1329.30
30	1309.10	1318.44	1327.80	1337.20	1346.63	1356.10	1365.60	1375.14
31	1352.74	1362.38	1372.06	1381.78	1391.52	1401.31	1411.12	1420.98
32	1396.38	1406.33	1416.32	1426.35	1436.41	1446.51	1456.64	1466.81
33	1440.01	1450.28	1460.58	1470.92	1481.30	1491.71	1502.16	1512.65
34	1483.65	1494.23	1504.84	1515.50	1526.18	1536.92	1547.68	1558.49
35	1527.29	1538.18	1549.10	1560.07	1571.07	1582.12	1593.20	1604.33
36	1570.92	1582.12	1593.36	1604.64	1615.96	1627.33	1638.72	1650.16
37	1614.56	1626.07	1637.62	1649.22	1660.84	1672.53	1684.24	1696.00
38	1658.20	1670.02	1681.88	1693.79	1705.73	1717.73	1729.76	1741.84
39	1701.84	1713.97	1726.14	1738.37	1750.62	1762.94	1775.28	1787.68
40	1745.47	1757.92	1770.40	1782.94	1795.51	1808.14	1820.80	1833.52
41	1789.11	1801.86	1814.66	1827.51	1840.40	1853.34	1866.32	1879.35
42	1832.75	1845.81	1858.92	1872.09	1885.28	1898.55	1911.84	1925.19
43	1876.38	1889.76	1903.18	1916.66	1930.17	1943.75	1957.36	1971.03
44	1920.02	1933.71	1947.44	1961.23	1975.06	1988.95	2002.88	2016.87
45	1963.66	1977.66	1991.70	2005.81	2019.95	2034.16	2048.41	2062.71
$1\frac{1}{4}$	10.91	10.99	11.06	11.14	11.22	11.30	11.38	11.48
$1\frac{1}{2}$	21.81	21.97	22.13	22.28	22.44	22.60	22.76	22.96
$1\frac{3}{4}$	32.72	32.96	33.19	33.42	33.66	33.90	34.14	34.45

T H E
E X P L I C A T I O N
A N D

Ufe of the T A B L E,

T I T L E D,

Girt or Circumference given. Length that
makes a Foot.

WHEN a ftick of timber or any cylindar is brought to its true girt (*or the true girt taken*) look to the column, titled *girt in inches*; then againft that in the next column, titled *length in inches*, is the length on the piece that will make a foot folid.

E X A M P L E.

Suppofe the girt to be 68 inches, look at 68 inches, and againft that in the next column is 4.7059 inches. And fo far in length is to be meafured to (*cut off*, or) find a folid foot of timber, &c. on that piece. If it is doubled, it is two feet, trebled, it is three feet, &c.

Vide example and the laft paragraph, in the explication of the fame table on fquared meafure.

Girt or Circumference given. Length that makes a Foot.

Girt in Inches.	Length in Inches.	Girt in Inches.	Length in Inches.	Girt in Inches.	Length in Inches.	Girt in Inches.	Length in Inches.	Girt in Inches.	Length in Inches.	Girt in Inches.	Length in Inches.
12	150.0000	58	6.4234	104	2.0077	150	0.9652	196	0.5652	242	0.3708
13	127.9320	59	6.2086	105	1.9698	151	0.9523	197	0.5595	243	0.3676
14	110.2900	60	6.0000	106	1.9327	152	0.9398	198	0.5538	244	0.3647
15	96.0000	61	5.8055	107	1.8966	153	0.9276	199	0.5480	245	0.3617
16	84.5700	62	5.6232	108	1.8616	154	0.9156	200	0.5428	246	0.3588
17	75.0000	63	5.4446	109	1.8276	155	0.9038	201	0.5375	247	0.3559
18	66.6666	64	5.3210	110	1.7945	156	0.8923	202	0.5321	248	0.3530
19	60.1500	65	5.1436	111	1.7623	157	0.8845	203	0.5269	249	0.3502
20	54.2863	66	4.9848	112	1.7310	158	0.8698	204	0.5218	250	0.3474
21	48.9796	67	4.8514	113	1.7005	159	0.8589	205	0.5167	251	0.3447
22	44.6428	68	4.7059	114	1.6708	160	0.8482	206	0.5117	252	0.3419
23	40.8441	69	4.5627	115	1.6405	161	0.8377	207	0.5067	253	0.3392
24	37.5000	70	4.4280	116	1.6136	162	0.8274	208	0.5019	254	0.3365
25	34.5622	71	4.3010	117	1.5860	163	0.8173	209	0.4972	255	0.3340
26	31.9574	72	4.1888	118	1.5594	164	0.8073	210	0.4924	256	0.3313
27	29.6290	73	4.0816	119	1.5333	165	0.7976	211	0.4877	257	0.3287
28	27.5545	74	3.9653	120	1.5079	166	0.7880	212	0.4831	258	0.3262
29	25.6849	75	3.8605	121	1.4831	167	0.7786	213	0.4786	259	0.3237
30	24.1000	76	3.7594	122	1.4589	168	0.7693	214	0.4741	260	0.3212
31	22.4803	77	3.6624	123	1.4352	169	0.7602	215	0.4697	261	0.3187
32	21.0970	78	3.5690	124	1.4122	170	0.7513	216	0.4654	262	0.3163
33	19.8347	79	3.4792	125	1.3896	171	0.7426	217	0.4611	263	0.3139
34	18.6886	80	3.3936	126	1.3677	172	0.7340	218	0.4568	264	0.3115
35	17.6470	81	3.3076	127	1.3463	173	0.7255	219	0.4527	265	0.3092
36	16.6666	82	3.2301	128	1.3253	174	0.7172	220	0.4486	266	0.3068
37	15.7894	83	3.1521	129	1.3048	175	0.7090	221	0.4446	267	0.3045
38	14.5950	84	3.0776	130	1.2848	176	0.7010	222	0.4406	268	0.3023
39	14.2012	85	3.0060	131	1.2653	177	0.6940	223	0.4366	269	0.3000
40	13.5013	86	2.9361	132	1.2358	178	0.6853	224	0.4327	270	0.2978
41	12.8507	87	2.8701	133	1.2275	179	0.6779	225	0.4286	271	0.2956
42	12.2449	88	2.8004	134	1.2093	180	0.6702	226	0.4251	272	0.2935
43	11.6822	89	2.7453	135	1.1914	181	0.6627	227	0.4214	273	0.2913
44	11.1575	90	2.6809	136	1.1740	182	0.6555	228	0.4177	274	0.2892
45	10.6660	91	2.6223	137	1.1569	183	0.6482	229	0.4140	275	0.2871
46	10.2084	92	2.5655	138	1.1402	184	0.6414	230	0.4105	276	0.2850
47	9.8304	93	2.5110	139	1.1238	185	0.6344	231	0.4069	277	0.2830
48	9.3750	94	2.4575	140	1.1078	186	0.6276	232	0.4034	278	0.2810
49	8.9285	95	2.4002	141	1.0922	187	0.6208	233	0.3999	279	0.2790
50	8.6455	96	2.3561	142	1.0769	188	0.6144	234	0.3965	280	0.2770
51	8.3033	97	2.3081	143	1.0610	189	0.6079	235	0.3932	281	0.2750
52	7.9893	98	2.2611	144	1.0472	190	0.6015	236	0.3899	282	0.2730
53	7.7419	99	2.2178	145	1.0321	191	0.5952	237	0.3866	283	0.2711
54	7.4395	100	2.1739	146	1.0101	192	0.5890	238	0.3833	284	0.2692
55	7.1641	101	2.1287	147	1.0049	193	0.5829	239	0.3800	285	0.2673
56	6.8886	102	2.0873	148	0.9913	194	0.5769	240	0.3769	286	0.2655
57	6.6666	103	2.0471	149	0.9780	195	0.5710	241	0.3738	287	0.2636
										288	0.2618

THE EXPLICATION AND

Use of the TABLE,

For reducing unequal sided Timber to the true Geometrical Square.

IT is a common received opinion and practice among carpenters and dealers in timber, that if a piece of timber be unequal sided, or broader one way than the other, to add the two sides together, and take the half sum for the mean side; as others girt the piece about, and take the fourth part for the true side. How much either of these ways are from the truth, I shall here endeavour to demonstrate and make plain to the meanest capacity. As supposing a piece of timber to be 21 inches on one side, and the other side 17, which added together make 38. The half of which is 19 inches for the side of the square, according to custom; but if you look into the table titled 17 inches at the top, and against 21 at the side is $18\frac{3}{4}$ inches for the true mean side of the square.

Now, admit the length of the piece be 20 feet.

19 The mean side.	18.75 The true mean side.
<u>19</u>	<u>18.75</u>
361 The area of the end.	9375
<u>20 The length in feet.</u>	13125
144) 7220 (50.132 The common way.	15000
<u>720</u>	<u>1875</u>
200	351.5625 The area of the end.
<u>144</u>	<u>20 The length in feet.</u>
560	144) 70302500 48.756 The true way.
<u>432</u>	<u>576</u>
280	1271
288 very near.	<u>1152</u>
	1192
	<u>1008</u>
	825
	<u>720</u>
	950
	<u>860</u>
	90

50.132
48.756
1.376 Difference.

I shall give another demonstration where the sides are more unequal. As suppose there be a piece of timber whose greater side is 36 inches, and the lesser 22 inches, the sum is 58, the half of which is 29 inches for the side of the square; but if you look into the table titled 22 inches at top, and against 36 at the side is 28 inches for the true mean side of the square.

Now, admit the length of the piece be 22 feet.

$$\begin{array}{r}
 29 \\
 29 \\
 \hline
 261 \\
 58 \\
 \hline
 841 \\
 22 \\
 \hline
 1682 \\
 1682 \\
 \hline
 144) 18502 (128.486 \\
 144 \quad \text{Common way.} \\
 \hline
 410 \\
 288 \\
 \hline
 1222 \\
 1152 \\
 \hline
 702 \\
 576 \\
 \hline
 1240 \\
 1152 \\
 \hline
 880 \\
 864 \\
 \hline
 16
 \end{array}$$

$$\begin{array}{r}
 28 \\
 28 \\
 \hline
 224 \\
 56 \\
 \hline
 784 \\
 22 \\
 \hline
 1568 \\
 1568 \\
 \hline
 144) 17248 (119.777 \\
 144 \quad \text{True way.} \\
 \hline
 284 \\
 144 \\
 \hline
 1408 \\
 1296 \\
 \hline
 1120 \\
 1008 \\
 \hline
 1120 \\
 1008 \\
 \hline
 1120 \\
 1008 \\
 \hline
 112
 \end{array}$$

128.486

119.777

8.709 Difference, too much.

In this case the buyer pays for a considerable part more than he has, as is visible by the foregoing operations, but where the difference of the sides are small, the common way will be pretty near the truth. I shall here give the general rule for reducing unequal sided timber to its true geometrical square, upon which principle the tables are founded.

Rule. { Multiply one side by the other: the square root of the rectangle or product is the mean side required.

As Example.

Let the dimensions of the last piece be given 36 and 22.

$$\begin{array}{r}
 36 \\
 22 \\
 \hline
 72 \\
 72 \\
 \hline
 792 (28. \\
 4 \\
 \hline
 48) 392 \\
 384 \\
 \hline
 8
 \end{array}$$

By which general rule the true side is found to be 28, and 8 remains, which, if cyphers were added, and extraction continued, would make a tenth more; but to calculate a table so minutely would almost be endless, as well as to little signification more than curiosity.

I have calculated the tables to half an inch on one side, and to a quarter on the other, and where I found the remains less than .15, I let it slip; but if more, and less than .38, I made it a $\frac{1}{4}$ of an inch: if more than .38, and less than .62, I made it $\frac{1}{2}$ an inch: if more than .62, and less than .87, I made it $\frac{3}{4}$, but if more than .87, I made it one inch more, so that in 500 feet, the tables will be as near as possible to the truth.

But, there is another sort of squared timber, whose bases are unequal, that is, such whose bases or sides are larger at the butt or ground end than at the top, as most timber trees are: and to calculate tables to answer this purpose would be a too laborious task as well as intricate and troublesome to a mean capacity to peruse; for if such a table was raised to supply this defect, another would immediately present itself to be done also, that is, one to supply the same defect in round timber where the bases consequently must be unlike too, because the bases of the squared pieces are made from those of the round.

I shall not give the reader rules for measuring such timber, it being quite beside my purpose: as intending only to make this part of the book useful to assist the steward and mechanic in the practical part of his employ; and not to lead him into any branch of mathematical learning; but such as are desirous to be informed in the nicer points of mensuration, I recommend them to the perusal of the ingenious and ever memorable Mr. John Ward's Introduction to the Mathematics, and Mr. Hawney's Complete Measurer, where they may be particularly informed.

All that I shall further add upon this head, is, in the common way of practice, where a steward's concerns lie in rough timber, to give a general and compendious rule for taking the dimensions, which will answer near enough in practice where the stick is strait and tapering.

A general rule for taking the dimensions of timber trees when the bases are unequal. { If it is about 20 feet long, and round, take the girt, or if square, take the side at 9 feet from the butt end: if longer, or shorter, proportion your distance from the butt accordingly, and you will be very near the truth in the dimensions. Then proceed by the tables according to former directions.

I shall here beg the reader's patience to acquaint him that taking the girt, side, or sides, in the middle of the length of any taper stick is erroneous, and the greater the difference of the ends the greater will be the error, as making too little.

All such sticks are frustrums of cones and pyramids, and should be measured as such, *vide* Hawney's Complete Measurer, page 160, and 172; but by the method just before mentioned, the capacity or content of such sticks may be found near enough in practice without further trouble; for it cannot be supposed or expected, that every one concerned with timber, &c. is a mathematician; but by what has been here advanced, may be seen how necessary such learning is to those whose business or employ calls for it.

23.	16. $\frac{3}{4}$	23.	17. $\frac{1}{2}$	21.	17. $\frac{1}{4}$	17.	16.	28.	21.	21.	18. $\frac{3}{4}$	30. $\frac{1}{2}$	23.
23. $\frac{1}{2}$	17.	23. $\frac{1}{2}$	17. $\frac{3}{4}$	21. $\frac{1}{2}$	17. $\frac{1}{2}$	17. $\frac{1}{2}$	16. $\frac{1}{4}$	28. $\frac{1}{2}$	21. $\frac{1}{4}$	21. $\frac{1}{2}$	19.	31.	23. $\frac{1}{4}$
24.	17. $\frac{1}{2}$	24. $\frac{1}{2}$	18.	22. $\frac{1}{2}$	17. $\frac{3}{4}$	18. $\frac{1}{2}$	16. $\frac{1}{2}$	29. $\frac{1}{2}$	21. $\frac{1}{2}$	22. $\frac{1}{2}$	19. $\frac{1}{4}$	31. $\frac{1}{2}$	23. $\frac{1}{4}$
24. $\frac{1}{2}$	17. $\frac{1}{2}$	25.	18. $\frac{1}{4}$	23.	18. $\frac{1}{4}$	19.	17.	30.	21. $\frac{3}{4}$	23.	19. $\frac{3}{4}$	32. $\frac{1}{2}$	23. $\frac{3}{4}$
25.	17. $\frac{1}{2}$	25. $\frac{1}{2}$	18. $\frac{1}{2}$	23. $\frac{1}{2}$	18. $\frac{1}{4}$	19. $\frac{1}{2}$	17. $\frac{1}{4}$	30. $\frac{1}{2}$	22.	23. $\frac{1}{2}$	19. $\frac{3}{4}$	33.	24.
13 Inches.													
13. $\frac{1}{2}$	13. $\frac{1}{4}$	14 Inches.		25. $\frac{1}{2}$	19.	21.	18. $\frac{1}{4}$	31.	22. $\frac{1}{4}$	25. $\frac{1}{2}$	20. $\frac{1}{4}$	34. $\frac{1}{2}$	24. $\frac{1}{4}$
14.	13. $\frac{1}{2}$			26.	19. $\frac{1}{4}$	22.	18. $\frac{1}{4}$	32.	22. $\frac{1}{2}$	26.	21.	18 Inches.	
14. $\frac{1}{2}$	13. $\frac{3}{4}$			26. $\frac{1}{2}$	19. $\frac{1}{2}$	22. $\frac{1}{2}$	18. $\frac{1}{2}$	17.	27.	27.	21. $\frac{1}{4}$	18. $\frac{1}{2}$	18. $\frac{1}{4}$
15.	14.	14. $\frac{1}{2}$	14. $\frac{1}{4}$	27.	19. $\frac{3}{4}$	23.	18. $\frac{3}{4}$	17. $\frac{1}{2}$	27. $\frac{1}{2}$	28.	21. $\frac{1}{2}$	19.	18. $\frac{1}{2}$
15. $\frac{1}{2}$	14. $\frac{1}{4}$	15.	14. $\frac{3}{4}$	27. $\frac{1}{2}$	19. $\frac{3}{4}$	23. $\frac{1}{2}$	19.	18.	28.	28. $\frac{1}{2}$	22.	19. $\frac{1}{2}$	18. $\frac{3}{4}$
16.	14. $\frac{1}{2}$	15. $\frac{1}{2}$	14. $\frac{3}{4}$	28.	20.	24.	19. $\frac{1}{4}$	19.	29.	29.	22.	20.	18.
16. $\frac{1}{2}$	14. $\frac{3}{4}$	16.	15.	28. $\frac{1}{2}$	20. $\frac{1}{4}$	24. $\frac{1}{2}$	19. $\frac{1}{2}$	19.	30.	30.	22. $\frac{1}{4}$	20. $\frac{1}{2}$	19.
17.	15.	17.	15. $\frac{1}{4}$	29.	20. $\frac{1}{2}$	25.	25.	20.	31.	31.	22. $\frac{3}{4}$	21.	19.
17. $\frac{1}{2}$	15. $\frac{1}{4}$	17. $\frac{1}{2}$	15. $\frac{1}{2}$	15 Inches.		26.	26.	20.	32.	32.	23.	22.	19.
18.	15. $\frac{1}{2}$	18.	16.	15. $\frac{1}{2}$	15. $\frac{1}{4}$	26. $\frac{1}{2}$	27.	20.	33.	33.	23. $\frac{1}{4}$	23.	20.
18. $\frac{1}{2}$	15. $\frac{3}{4}$	18. $\frac{1}{2}$	16. $\frac{1}{4}$	16.	15. $\frac{1}{2}$	27. $\frac{1}{2}$	28.	20. $\frac{1}{4}$	34.	34.	24.	24.	21.
19.	16.	19.	16. $\frac{1}{2}$	16. $\frac{1}{2}$	15. $\frac{3}{4}$	28.	29.	21.	20.	20.	25.	25.	21.
19. $\frac{1}{2}$	16. $\frac{1}{4}$	19. $\frac{1}{2}$	16. $\frac{3}{4}$	17.	16.	29.	30.	21. $\frac{1}{4}$	21.	21.	26.	26.	22.
20.	16. $\frac{1}{2}$	20.	17.	18.	16. $\frac{1}{2}$	30.	31.	21. $\frac{1}{2}$	22.	22.	27.	27.	22.
20. $\frac{1}{2}$	16. $\frac{3}{4}$	20. $\frac{1}{2}$	17. $\frac{1}{4}$	19.	16. $\frac{3}{4}$	31.	32.	22.	23.	23.	28.	28.	22.
21.	17.	21.	17. $\frac{1}{2}$	20.	17.	32.	33.	23.	24.	24.	29.	29.	22.
21. $\frac{1}{2}$	17. $\frac{1}{4}$	21. $\frac{1}{2}$	17. $\frac{3}{4}$	21.	17. $\frac{1}{2}$	33.	34.	24.	25.	25.	30.	30.	23.
22.	17. $\frac{1}{2}$	22.	18.	22.	18.	34.	16 Inches.		26.	26.	31.	31.	23.
22. $\frac{1}{2}$	18.	22. $\frac{1}{2}$	18. $\frac{1}{4}$	23.	1								

20.	19.	28.	23.	36.	26.	22.	21.	28.	24.	33.	26.	38.	29.
21.	19.	29.	23.	36.	26.	22.	21.	28.	24.	34.	27.	39.	29.
21.	19.	29.	23.	37.	26.	23.	21.	29.	24.	34.	27.	39.	29.
22.	20.	30.	23.	37.	27.	23.	21.	29.	24.	35.	27.	40.	29.
22.	20.	30.	24.	38.	27.	24.	22.	30.	25.	35.	27.	40.	30.
23.	20.	31.	24.	38.	27.	24.	22.	30.	25.	36.	27.	41.	30.
23.	20.	31.	24.	39.	27.	25.	22.	31.	25.	36.	28.	41.	30.
24.	21.	32.	24.	20 Inches.	25.	25.	22.	31.	25.	37.	28.	42.	30.
24.	21.	32.	25.	20.	20.	26.	23.	32.	26.	37.	28.	42.	30.
25.	21.	33.	25.	21.	20.	27.	23.	33.	26.	38.	28.	43.	30.
25.	21.	33.	25.	21.	20.	27.	24.	33.	26.	38.	28.	43.	31.
26.	21.	34.	25.	21.	20.	28.	24.	34.	26.	39.	29.	44.	31.
26.	22.	34.	25.	22.	20.	28.	24.	34.	26.	39.	29.	44.	31.
27.	22.	35.	25.	22.	21.	29.	24.	35.	27.	40.	29.	44.	31.
27.	22.	35.	26.	23.	21.	29.	24.	35.	27.	40.	29.	44.	31.
28.	22.	36.	26.	23.	21.	30.	25.	36.	27.	41.	30.	44.	31.
28.	22.	36.	26.	24.	22.	30.	25.	36.	27.	41.	30.	44.	31.
29.	23.	37.	26.	24.	22.	31.	25.	37.	28.	42.	30.	44.	31.
29.	23.	37.	26.	25.	22.	31.	25.	37.	28.	42.	30.	44.	31.
30.	23.	38.	27.	25.	22.	32.	26.	38.	28.	43.	30.	44.	31.
30.	23.	38.	27.	26.	22.	32.	26.	38.	28.	43.	30.	44.	31.
31.	23.	19. 1/2 Inch.	26.	26.	22.	32.	26.	39.	28.	43.	30.	44.	31.
31.	24.	20.	27.	27.	23.	33.	26.	39.	28.	43.	30.	44.	31.
32.	24.	20.	27.	27.	23.	33.	26.	40.	29.	44.	31.	44.	31.
32.	24.	21.	28.	28.	23.	34.	26.	40.	29.	44.	31.	44.	31.
33.	24.	21.	28.	28.	23.	34.	27.	41.	29.	44.	31.	44.	31.
33.	24.	22.	29.	29.	24.	35.	27.	41.	29.	44.	31.	44.	31.
34.	25.	22.	29.	29.	24.	35.	27.	42.	29.	44.	31.	44.	31.
34.	25.	23.	30.	30.	24.	36.	27.	42.	29.	44.	31.	44.	31.
35.	25.	23.	30.	30.	24.	36.	27.	42.	29.	44.	31.	44.	31.
35.	25.	23.	31.	31.	24.	37.	27.	42.	29.	44.	31.	44.	31.
36.	25.	24.	31.	31.	25.	38.	27.	42.	29.	44.	31.	44.	31.
36.	26.	24.	32.	32.	25.	38.	28.	42.	29.	44.	31.	44.	31.
37.	26.	25.	32.	32.	25.	39.	28.	42.	29.	44.	31.	44.	31.
19 Inches.	19.	27.	23.	34.	26.	21.	22.	28.	24.	33.	27.	39.	29.
19.	19.	27.	23.	34.	26.	21.	22.	28.	24.	33.	27.	39.	29.
20.	19.	28.	23.	35.	26.	21.	22.	29.	24.	34.	27.	40.	29.
20.	19.	28.	23.	35.	26.	21.	22.	29.	24.	34.	27.	40.	29.
21.	19.	29.	23.	36.	26.	21.	22.	30.	24.	35.	27.	41.	29.
21.	20.	29.	23.	36.	26.	21.	22.	30.					

A TABLE of the true Square of unequal fided Timber, &c.

43.	31. $\frac{1}{4}$	23. $\frac{1}{2}$ Inch.	25. $\frac{1}{2}$	24. $\frac{3}{4}$	28.	26.	29. $\frac{1}{2}$	27.	30. $\frac{1}{2}$	27. $\frac{3}{4}$	31.	28. $\frac{1}{4}$
43. $\frac{1}{2}$	31. $\frac{1}{4}$		26.	24. $\frac{3}{4}$	28. $\frac{1}{2}$	26. $\frac{1}{4}$	30.	27. $\frac{1}{4}$	31.	28.	31. $\frac{1}{2}$	28. $\frac{1}{2}$
44.	31. $\frac{1}{2}$	24.	23. $\frac{3}{4}$	27.	29. $\frac{1}{2}$	26. $\frac{1}{2}$	30. $\frac{1}{2}$	27. $\frac{1}{2}$	31. $\frac{1}{2}$	28. $\frac{1}{4}$	32.	28. $\frac{3}{4}$
44. $\frac{1}{2}$	31. $\frac{3}{4}$	24. $\frac{1}{2}$	23. $\frac{3}{4}$	27. $\frac{1}{2}$	29. $\frac{1}{2}$	26. $\frac{3}{4}$	31.	28.	32.	28. $\frac{1}{2}$	32. $\frac{1}{2}$	29.
45.	31. $\frac{3}{4}$	25.	24.	28.	30.	27. $\frac{1}{4}$	32.	28.	32. $\frac{1}{2}$	28. $\frac{3}{4}$	33.	29. $\frac{1}{4}$
		25. $\frac{1}{2}$	24. $\frac{1}{4}$	28. $\frac{1}{2}$	30. $\frac{1}{2}$	27. $\frac{1}{4}$	32.	28. $\frac{1}{4}$	33.	29.	33. $\frac{1}{2}$	29. $\frac{1}{2}$
23 Inches.		26.	24. $\frac{1}{2}$	29.	31.	27. $\frac{1}{2}$	33.	28. $\frac{1}{2}$	34.	29.	34.	29. $\frac{1}{2}$
		26. $\frac{1}{2}$	24. $\frac{3}{4}$	29. $\frac{1}{2}$	31. $\frac{1}{2}$	27. $\frac{3}{4}$	33.	28. $\frac{1}{2}$	34. $\frac{1}{2}$	29. $\frac{1}{4}$	34. $\frac{1}{2}$	29. $\frac{3}{4}$
23. $\frac{1}{2}$	23. $\frac{1}{4}$	27.	25.	30.	32.	28.	34.	29.	35.	30.	35.	30.
24.	23. $\frac{1}{2}$	27. $\frac{1}{2}$	25. $\frac{1}{4}$	30. $\frac{1}{2}$	32. $\frac{1}{2}$	28. $\frac{1}{4}$	34. $\frac{1}{2}$	29. $\frac{1}{4}$	35. $\frac{1}{2}$	30. $\frac{1}{4}$	35. $\frac{1}{2}$	30. $\frac{1}{4}$
24. $\frac{1}{2}$	23. $\frac{1}{2}$	28.	25. $\frac{1}{2}$	31.	33.	28. $\frac{1}{2}$	35.	29. $\frac{1}{2}$	36.	30. $\frac{1}{2}$	36.	30. $\frac{1}{2}$
25.	23. $\frac{3}{4}$	28. $\frac{1}{2}$	25. $\frac{3}{4}$	31. $\frac{1}{2}$	33. $\frac{1}{2}$	28. $\frac{3}{4}$	35. $\frac{1}{2}$	29. $\frac{3}{4}$	36. $\frac{1}{2}$	30. $\frac{3}{4}$	37.	31.
25. $\frac{1}{2}$	24.	29.	26.	32.	34.	29.	36.	30.	37.	30. $\frac{1}{2}$	37. $\frac{1}{2}$	31. $\frac{1}{4}$
26.	24. $\frac{1}{4}$	29. $\frac{1}{2}$	26. $\frac{1}{4}$	32. $\frac{1}{2}$	34. $\frac{1}{2}$	29. $\frac{1}{4}$	36. $\frac{1}{2}$	30. $\frac{1}{4}$	37. $\frac{1}{2}$	31. $\frac{1}{4}$	38.	31. $\frac{1}{2}$
26. $\frac{1}{2}$	14.	30.	26. $\frac{1}{2}$	33.	35.	29. $\frac{1}{2}$	37.	30. $\frac{1}{2}$	38.	31. $\frac{1}{2}$	38. $\frac{1}{2}$	31. $\frac{3}{4}$
27.	24. $\frac{1}{2}$	30. $\frac{1}{2}$	26. $\frac{3}{4}$	33. $\frac{1}{2}$	35. $\frac{1}{2}$	29. $\frac{3}{4}$	37. $\frac{1}{2}$	30. $\frac{3}{4}$	38. $\frac{1}{2}$	31. $\frac{3}{4}$	39.	31. $\frac{3}{4}$
27. $\frac{1}{2}$	25.	31.	27.	34.	36.	28. $\frac{1}{2}$	38.	30. $\frac{1}{2}$	39.	31. $\frac{1}{2}$	39. $\frac{1}{2}$	32.
28.	25. $\frac{1}{4}$	31. $\frac{1}{2}$	27. $\frac{1}{4}$	34. $\frac{1}{2}$	36. $\frac{1}{2}$	28. $\frac{3}{4}$	37.	30. $\frac{3}{4}$	38. $\frac{1}{2}$	31. $\frac{3}{4}$	40.	32. $\frac{1}{4}$
28. $\frac{1}{2}$	25. $\frac{1}{2}$	32.	27. $\frac{1}{2}$	35.	37.	29.	38.	30.	39.	31.	40.	32. $\frac{1}{2}$
29.	25. $\frac{3}{4}$	32. $\frac{1}{2}$	27. $\frac{3}{4}$	35. $\frac{1}{2}$	37. $\frac{1}{2}$	29. $\frac{1}{4}$	38. $\frac{1}{2}$	30. $\frac{1}{4}$	39. $\frac{1}{2}$	31. $\frac{1}{4}$	40. $\frac{1}{2}$	32. $\frac{1}{2}$
29. $\frac{1}{2}$	26.	33.	27.	36.	38.	29. $\frac{1}{2}$	39.	30. $\frac{1}{2}$	40.	31. $\frac{1}{2}$	41.	32. $\frac{1}{2}$
30.	26. $\frac{1}{4}$	33. $\frac{1}{2}$	28.	36. $\frac{1}{2}$	38. $\frac{1}{2}$	29. $\frac{3}{4}$	39. $\frac{1}{2}$	30. $\frac{3}{4}$	40. $\frac{1}{2}$	31. $\frac{3}{4}$	41. $\frac{1}{2}$	32. $\frac{3}{4}$
30. $\frac{1}{2}$	26. $\frac{1}{2}$	34.	28. $\frac{1}{4}$	37.	39.	30.	40.	31.	41.	32.	42.	33.
31.	26. $\frac{3}{4}$	34. $\frac{1}{2}$	28. $\frac{1}{2}$	37. $\frac{1}{2}$	39. $\frac{1}{2}$	30. $\frac{1}{4}$	40. $\frac{1}{2}$	31. $\frac{1}{4}$	41. $\frac{1}{2}$	32. $\frac{1}{4}$	42. $\frac{1}{2}$	33. $\frac{1}{4}$
31. $\frac{1}{2}$	26.	35.	28. $\frac{1}{2}$	38.	40.	30. $\frac{1}{2}$	40. $\frac{1}{2}$	31. $\frac{1}{2}$	42.	32. $\frac{1}{2}$	43.	33. $\frac{1}{2}$
32.	27.	35. $\frac{1}{2}$	28. $\frac{3}{4}$	38. $\frac{1}{2}$	40. $\frac{1}{2}$	30. $\frac{3}{4}$	41.	31. $\frac{3}{4}$	42. $\frac{1}{2}$	32. $\frac{3}{4}$	43. $\frac{1}{2}$	33. $\frac{3}{4}$
32. $\frac{1}{2}$	27. $\frac{1}{4}$	36.	29.	39.	41.	30.	41.	31.	43.	33.	44.	34.
33.	27. $\frac{1}{2}$	36. $\frac{1}{2}$	29. $\frac{1}{4}$	39. $\frac{1}{2}$	41. $\frac{1}{2}$	30. $\frac{1}{4}$	42.	32.	43. $\frac{1}{2}$	33. $\frac{1}{4}$	44. $\frac{1}{2}$	34. $\frac{1}{4}$
33. $\frac{1}{2}$	27. $\frac{3}{4}$	37.	29. $\frac{1}{2}$	40.	42.	31.	42.	32. $\frac{1}{4}$	44.	33. $\frac{1}{2}$	45.	34. $\frac{1}{2}$
34.	27. $\frac{3}{4}$	37. $\frac{1}{2}$	29. $\frac{3}{4}$	40. $\frac{1}{2}$	42. $\frac{1}{2}$	31. $\frac{1}{4}$	43.	32. $\frac{1}{2}$	44. $\frac{1}{2}$	33. $\frac{3}{4}$	45. $\frac{1}{2}$	34. $\frac{3}{4}$
34. $\frac{1}{2}$	28.	38.	30.	41.	43.	31. $\frac{1}{2}$	43. $\frac{1}{2}$	32. $\frac{3}{4}$	45.	33.	46.	34. $\frac{1}{2}$
35.	28. $\frac{1}{4}$	38. $\frac{1}{2}$	30. $\frac{1}{4}$	41. $\frac{1}{2}$	43. $\frac{1}{2}$	31. $\frac{3}{4}$	44.	33.	45. $\frac{1}{2}$	33. $\frac{1}{4}$	46. $\frac{1}{2}$	34. $\frac{3}{4}$
35. $\frac{1}{2}$	28. $\frac{1}{2}$	39.	30. $\frac{1}{2}$	42.	44.	32.	44.	33. $\frac{1}{2}$	46.	34.	47.	35.
36.	28. $\frac{3}{4}$	39. $\frac{1}{2}$	30. $\frac{3}{4}$	42. $\frac{1}{2}$	44. $\frac{1}{2}$	32. $\frac{1}{4}$	45.	33. $\frac{1}{4}$	46. $\frac{1}{2}$	34. $\frac{1}{2}$	47. $\frac{1}{2}$	35. $\frac{1}{4}$
36. $\frac{1}{2}$	29.	40.	30.	43.	45.	32. $\frac{1}{2}$	45. $\frac{1}{2}$	33. $\frac{1}{2}$	47.	34. $\frac{3}{4}$	48.	35. $\frac{1}{2}$
37.	29. $\frac{1}{4}$	40. $\frac{1}{2}$	30. $\frac{1}{4}$	43. $\frac{1}{2}$	45. $\frac{1}{2}$	32. $\frac{3}{4}$	46.	33. $\frac{3}{4}$	47. $\frac{1}{2}$	34.	48. $\frac{1}{2}$	35. $\frac{3}{4}$
37. $\frac{1}{2}$	29. $\frac{1}{2}$	41.	31.	44.	46.	33.	46.	34.	48.	35.	49.	36.
38.	29. $\frac{1}{2}$	41. $\frac{1}{2}$	31. $\frac{1}{4}$	44. $\frac{1}{2}$	46. $\frac{1}{2}$	33. $\frac{1}{4}$	47.	34. $\frac{1}{4}$	48. $\frac{1}{2}$	35. $\frac{1}{4}$	49. $\frac{1}{2}$	36. $\frac{1}{4}$
38. $\frac{1}{2}$	29. $\frac{3}{4}$	42.	31. $\frac{1}{2}$	45.	47.	33. $\frac{1}{2}$	47. $\frac{1}{2}$	34. $\frac{1}{2}$	49.	35. $\frac{1}{2}$	50.	36. $\frac{1}{2}$
39.	30.	42. $\frac{1}{2}$	31. $\frac{3}{4}$	45. $\frac{1}{2}$	47. $\frac{1}{2}$	33. $\frac{3}{4}$	48.	34. $\frac{3}{4}$	49. $\frac{1}{2}$	35. $\frac{3}{4}$	50. $\frac{1}{2}$	36. $\frac{3}{4}$
39. $\frac{1}{2}$	30. $\frac{1}{4}$	43.	32.	46.	48.	34.	48.	35.	50.	36.	51.	37.
40.	30. $\frac{1}{2}$	43. $\frac{1}{2}$	32. $\frac{1}{4}$	46. $\frac{1}{2}$	48. $\frac{1}{2}$	34. $\frac{1}{2}$	49.	35. $\frac{1}{2}$	50. $\frac{1}{2}$	36. $\frac{1}{2}$	51. $\frac{1}{2}$	37. $\frac{1}{2}$
40. $\frac{1}{2}$	30. $\frac{3}{4}$	44.	32. $\frac{1}{2}$	47.	49.	34. $\frac{3}{4}$	49.	35. $\frac{3}{4}$	51.	36. $\frac{3}{4}$	52.	37. $\frac{3}{4}$
41.	30.	44. $\frac{1}{2}$	32. $\frac{3}{4}$	47. $\frac{1}{2}$	49.	35.	50.	36.	51.	37.		
41. $\frac{1}{2}$	31.	45.	32. $\frac{1}{2}$	48.	50.	36.	50.	37.	52.	38.		
42.	31. $\frac{1}{4}$	45. $\frac{1}{2}$	32. $\frac{3}{4}$	48. $\frac{1}{2}$	50.	37.	51.	38.	53.	39.		
42. $\frac{1}{2}$	31. $\frac{1}{2}$	46.	33.	49.	51.	38.	52.	39.	54.	40.		
43.	31. $\frac{3}{4}$	46. $\frac{1}{2}$	33. $\frac{1}{4}$	49. $\frac{1}{2}$	51. $\frac{1}{2}$	39.	53.	40.	55.	41.		
43. $\frac{1}{2}$	31.	47.	33. $\frac{1}{2}$	50.	52.	40.	54.	41.	56.	42.		
44.	31. $\frac{1}{2}$					41.	55.	42.	57.	43.		
44. $\frac{1}{2}$	32.	24 Inches.				42.	56.	43.	58.	44.		
45.	32. $\frac{1}{4}$					43.	57.	44.	59.	45.		
45. $\frac{1}{2}$	32. $\frac{1}{2}$	24. $\frac{1}{2}$ Inch.	24. $\frac{1}{4}$ Inch.	25.	24. $\frac{3}{4}$	26.	58.	45.	60.	46.		
46.	32.	24. $\frac{1}{2}$	24. $\frac{1}{2}$	25. $\frac{1}{2}$	24. $\frac{3}{4}$	26. $\frac{1}{2}$	59.	46.	61.	47.		
						26. $\frac{1}{4}$	60.	47.	62.	48.		
						26. $\frac{1}{2}$	61.	48.	63.	49.		
						26. $\frac{3}{4}$	62.	49.	64.	50.		
						27.	63.	50.	65.	51.		
						27. $\frac{1}{4}$	64.	51.	66.	52.		
						27. $\frac{1}{2}$	65.	52.	67.	53.		
						27. $\frac{3}{4}$	66.	53.	68.	54.		
						28.	67.	54.	69.	55.		
						28. $\frac{1}{4}$	68.	55.	70.	56.		
						28. $\frac{1}{2}$	69.	56.	71.	57.		
						28. $\frac{3}{4}$	70.	57.	72.	58.		
						29.	71.	58.	73.	59.		
						29. $\frac{1}{4}$	72.	59.	74.	60.		
						29. $\frac{1}{2}$	73.	60.	75.	61.		
						29. $\frac{3}{4}$	74.	61.	76.	62.		
						30.	75.	62.	77.	63.		
						30. $\frac{1}{4}$	76.	63.	78.	64.		
						30. $\frac{1}{2}$	77.	64.	79.	65.		
						30. $\frac{3}{4}$	78.	65.	80.	66.		
						31.	79.	66.	81.	67.		
						31. $\frac{1}{4}$	80.	67.	82.	68.		
						31. $\frac{1}{2}$	81.	68.	83.	69.		
						31. $\frac{3}{4}$	82.	69.	84.	70.		
						32.	83.	70.	85.	71.		
						32. $\frac{1}{4}$	84.	71.	86.	72.		
						32. $\frac{1}{2}$	85.	72.	87.	73.		
						32. $\frac{3}{4}$	86.	73.	88.	74.		
						33.	87.	74.	89.	75.		
						33. $\frac{1}{4}$	88.	75.	90.	76.		
						33. $\frac{1}{2}$	89.	76.	91.	77.		
						33. $\frac{3}{4}$	90.	77.	92.	78.		
						34.	91.	78.	93.	79.		
						34. $\frac{1}{4}$	92.	79.	94.	80.		
						34. $\frac{1}{2}$	93.	80.	95.	81.		
						34. $\frac{3}{4}$	94.	81.	96.	82.		
						35.	95.	82.	97.	83.		
						35. $\frac{1}{4}$	96.	83.	98.	84.		
						35. $\frac{1}{2}$	97.	84.	99.	85.		
						35. $\frac{3}{4}$	98.	85.	100.	86.		
						36.	99.	86.				
						36. $\frac{1}{4}$						
						36. $\frac{1}{2}$						
						36. $\frac{3}{4}$						
						37.						
			</									

A TABLE of the true Square of unequal sided Timber, &c.

31.	28.	30.	28.	29.	28.	28.	28.	54.	39.	52.	38.	50.	38.
31. $\frac{1}{2}$	28.	31.	28. $\frac{1}{4}$	30.	28. $\frac{1}{2}$	28. $\frac{1}{4}$	28.	55.	39. $\frac{1}{4}$	53.	38. $\frac{1}{4}$	50. $\frac{1}{2}$	38. $\frac{1}{4}$
32.	29.	31. $\frac{1}{2}$	29.	30. $\frac{1}{2}$	28. $\frac{3}{4}$	28. $\frac{1}{2}$	28. $\frac{1}{4}$	55. $\frac{1}{2}$	39. $\frac{1}{2}$	53. $\frac{1}{2}$	39.	51.	38. $\frac{1}{2}$
32. $\frac{1}{2}$	29.	32.	29. $\frac{1}{4}$	31.	29. $\frac{1}{2}$	29.	28.	56.	39. $\frac{1}{2}$	54.	39. $\frac{1}{4}$	51. $\frac{1}{2}$	38. $\frac{1}{2}$
33.	29.	32. $\frac{1}{2}$	29. $\frac{1}{2}$	31. $\frac{1}{2}$	29. $\frac{1}{4}$	29. $\frac{1}{2}$	28. $\frac{3}{4}$	28. $\frac{1}{2}$ Inch.		54. $\frac{1}{2}$	39. $\frac{1}{2}$	52.	38. $\frac{3}{4}$
33. $\frac{3}{4}$	29.	33.	29. $\frac{3}{4}$	32.	29. $\frac{3}{4}$	30.	29.	28. $\frac{1}{2}$ Inch.		55.	39. $\frac{1}{2}$	52. $\frac{1}{2}$	39.
34.	30.	33. $\frac{1}{2}$	30.	32. $\frac{1}{2}$	29. $\frac{3}{4}$	30. $\frac{1}{2}$	29.	28. $\frac{1}{2}$ Inch.		55. $\frac{1}{2}$	39. $\frac{1}{2}$	53.	39. $\frac{1}{4}$
34. $\frac{1}{2}$	30.	34.	30. $\frac{1}{4}$	33.	30.	31.	29. $\frac{1}{4}$	29.	28. $\frac{3}{4}$	56.	39. $\frac{3}{4}$	53. $\frac{1}{2}$	39. $\frac{1}{2}$
35.	30.	34. $\frac{1}{2}$	30. $\frac{1}{2}$	33. $\frac{1}{2}$	30. $\frac{1}{4}$	31. $\frac{1}{2}$	29. $\frac{1}{2}$	29. $\frac{1}{2}$	28. $\frac{3}{4}$	56. $\frac{1}{2}$	40.	54.	39. $\frac{1}{2}$
35. $\frac{1}{2}$	30.	35.	30. $\frac{3}{4}$	34.	30. $\frac{1}{2}$	32.	29. $\frac{3}{4}$	30.	29.	57.	40. $\frac{1}{4}$	54. $\frac{1}{2}$	39. $\frac{3}{4}$
36.	30.	35. $\frac{1}{2}$	30. $\frac{3}{4}$	34. $\frac{1}{2}$	30. $\frac{3}{4}$	32. $\frac{1}{2}$	30.	30. $\frac{1}{2}$	29. $\frac{1}{4}$	29 Inches		55.	40.
36. $\frac{1}{2}$	31.	36.	31.	35.	31.	33.	30. $\frac{1}{4}$	31.	29. $\frac{1}{2}$	29 Inches		55. $\frac{1}{2}$	40.
37.	31.	36. $\frac{1}{2}$	31. $\frac{1}{2}$	35. $\frac{1}{2}$	31. $\frac{1}{4}$	33. $\frac{1}{2}$	30. $\frac{1}{2}$	31. $\frac{1}{2}$	29.	29. $\frac{1}{2}$	29.	56.	40. $\frac{1}{4}$
37. $\frac{1}{2}$	31.	37.	31. $\frac{1}{2}$	36.	31. $\frac{1}{2}$	34.	30.	32.	30.	30.	29. $\frac{1}{4}$	56. $\frac{1}{2}$	40. $\frac{1}{2}$
38.	31.	37. $\frac{1}{2}$	31. $\frac{3}{4}$	36. $\frac{1}{2}$	31. $\frac{3}{4}$	34. $\frac{1}{2}$	31.	32. $\frac{1}{2}$	30. $\frac{1}{4}$	30.	29. $\frac{1}{2}$	57.	40. $\frac{3}{4}$
38. $\frac{1}{2}$	32.	38.	32.	37.	32.	35.	31. $\frac{1}{4}$	33.	30. $\frac{1}{2}$	30.	29.	57. $\frac{1}{2}$	40. $\frac{3}{4}$
39.	32.	38. $\frac{1}{2}$	32. $\frac{1}{4}$	37. $\frac{1}{2}$	32. $\frac{1}{4}$	35. $\frac{1}{2}$	31. $\frac{1}{2}$	33. $\frac{1}{2}$	30. $\frac{3}{4}$	31.	29. $\frac{3}{4}$	58.	41.
39. $\frac{1}{2}$	32.	39.	32. $\frac{1}{2}$	38.	32. $\frac{1}{2}$	36.	31. $\frac{3}{4}$	34.	31.	31. $\frac{1}{2}$	30.	29. $\frac{1}{2}$ Inch.	
40.	32.	39. $\frac{1}{2}$	32. $\frac{3}{4}$	38. $\frac{1}{2}$	32. $\frac{3}{4}$	36. $\frac{1}{2}$	32.	34. $\frac{1}{2}$	31. $\frac{1}{4}$	32.	30.	30.	29.
40. $\frac{1}{2}$	32.	40.	33.	39.	33.	37.	32. $\frac{1}{4}$	35.	31. $\frac{1}{2}$	32. $\frac{1}{2}$	30.	30.	29.
41.	33.	40. $\frac{1}{2}$	33.	39. $\frac{1}{2}$	33.	37. $\frac{1}{2}$	32. $\frac{1}{2}$	35. $\frac{1}{2}$	31. $\frac{3}{4}$	33.	30.	30.	29.
41. $\frac{1}{2}$	33.	41.	33. $\frac{1}{4}$	40.	33. $\frac{1}{4}$	38.	32. $\frac{1}{2}$	36.	32.	32.	31.	30.	29.
42.	33.	41. $\frac{1}{2}$	33. $\frac{1}{2}$	40. $\frac{1}{2}$	33. $\frac{1}{2}$	38. $\frac{1}{2}$	32. $\frac{3}{4}$	36. $\frac{1}{2}$	32. $\frac{1}{4}$	32. $\frac{1}{4}$	31. $\frac{1}{4}$	30.	29.
42. $\frac{1}{2}$	33.	42.	33. $\frac{3}{4}$	41.	33. $\frac{3}{4}$	39.	33.	37.	32. $\frac{1}{2}$	34.	31. $\frac{1}{2}$	31.	30.
43.	33.	42. $\frac{1}{2}$	34.	41. $\frac{1}{2}$	33. $\frac{3}{4}$	39. $\frac{1}{2}$	33. $\frac{1}{4}$	37. $\frac{1}{2}$	32. $\frac{3}{4}$	35.	31. $\frac{3}{4}$	32.	30.
43. $\frac{1}{2}$	34.	43.	34. $\frac{1}{4}$	42.	34.	40.	33.	38.	33.	35. $\frac{1}{2}$	32.	32.	30.
44.	34.	43. $\frac{1}{2}$	34. $\frac{1}{2}$	42. $\frac{1}{2}$	34. $\frac{1}{2}$	40. $\frac{1}{2}$	33. $\frac{1}{2}$	38. $\frac{1}{2}$	33.	36.	32.	33.	31.
44. $\frac{1}{2}$	34.	44.	34. $\frac{1}{2}$	43.	34. $\frac{1}{2}$	41.	34.	39.	33. $\frac{1}{4}$	36. $\frac{1}{2}$	32. $\frac{1}{2}$	33. $\frac{1}{2}$	31. $\frac{1}{2}$
45.	34.	44. $\frac{1}{2}$	34. $\frac{3}{4}$	43. $\frac{1}{2}$	34. $\frac{3}{4}$	41. $\frac{1}{2}$	34. $\frac{1}{4}$	39. $\frac{1}{2}$	33. $\frac{1}{2}$	37.	32. $\frac{3}{4}$	34.	31. $\frac{3}{4}$
45. $\frac{1}{2}$	34.	45.	34. $\frac{3}{4}$	44.	34. $\frac{3}{4}$	42.	34. $\frac{1}{2}$	40.	33. $\frac{1}{2}$	37. $\frac{1}{2}$	33.	34.	31. $\frac{3}{4}$
46.	35.	45. $\frac{1}{2}$	35.	44.	35.	42.	34. $\frac{1}{2}$	40. $\frac{1}{2}$	34.	38.	33.	35.	32.
46. $\frac{1}{2}$	35.	46.	35. $\frac{1}{4}$	45.	35. $\frac{1}{4}$	43.	35.	41.	34. $\frac{1}{2}$	38. $\frac{1}{2}$	33. $\frac{1}{2}$	35. $\frac{1}{2}$	32. $\frac{1}{4}$
47.	35.	46. $\frac{1}{2}$	35. $\frac{1}{2}$	45. $\frac{1}{2}$	35. $\frac{1}{2}$	43. $\frac{1}{2}$	35. $\frac{1}{4}$	41. $\frac{1}{2}$	34. $\frac{1}{2}$	39.	33. $\frac{1}{2}$	36.	32. $\frac{1}{2}$
47. $\frac{1}{2}$	35.	47.	35. $\frac{1}{2}$	46.	35. $\frac{1}{2}$	44.	35. $\frac{1}{2}$	42.	34. $\frac{1}{2}$	39. $\frac{1}{2}$	33. $\frac{3}{4}$	36. $\frac{1}{2}$	32. $\frac{3}{4}$
48.	35.	47. $\frac{1}{2}$	35. $\frac{3}{4}$	46. $\frac{1}{2}$	35. $\frac{3}{4}$	44. $\frac{1}{2}$	35. $\frac{3}{4}$	42. $\frac{1}{2}$	34. $\frac{3}{4}$	40.	34.	37.	33.
48. $\frac{1}{2}$	36.	48.	36.	47.	36.	45.	35. $\frac{1}{2}$	43.	35.	40. $\frac{1}{2}$	34. $\frac{1}{4}$	37. $\frac{1}{2}$	33. $\frac{1}{4}$
49.	36.	48. $\frac{1}{2}$	36. $\frac{1}{4}$	47. $\frac{1}{2}$	36. $\frac{1}{4}$	45. $\frac{1}{2}$	35. $\frac{3}{4}$	43. $\frac{1}{2}$	35. $\frac{1}{4}$	41.	34.	38.	33. $\frac{1}{2}$
49. $\frac{1}{2}$	36.	49.	36. $\frac{1}{2}$	48.	36. $\frac{1}{2}$	46.	36.	44.	35. $\frac{1}{2}$	41. $\frac{1}{2}$	34. $\frac{1}{2}$	38. $\frac{1}{2}$	33. $\frac{3}{4}$
50.	36.	49. $\frac{1}{2}$	36. $\frac{3}{4}$	48. $\frac{1}{2}$	36. $\frac{3}{4}$	46. $\frac{1}{2}$	36. $\frac{1}{4}$	44. $\frac{1}{2}$	35. $\frac{3}{4}$	42.	35.	39.	34.
50. $\frac{1}{2}$	36.	50.	37.	49.	37.	47.	36. $\frac{1}{2}$	45.	36.	42. $\frac{1}{2}$	35. $\frac{1}{2}$	39. $\frac{1}{2}$	34. $\frac{1}{4}$
51.	36.	50. $\frac{1}{2}$	37. $\frac{1}{4}$	50.	37. $\frac{1}{4}$	48.	36. $\frac{3}{4}$	46.	36. $\frac{1}{2}$	43.	35. $\frac{1}{4}$	40.	34. $\frac{1}{2}$
51. $\frac{1}{2}$	37.	51.	37. $\frac{1}{2}$	50. $\frac{1}{2}$	37. $\frac{1}{2}$	48. $\frac{1}{2}$	37.	47.	36. $\frac{1}{4}$	43. $\frac{1}{2}$	35. $\frac{1}{2}$	40. $\frac{1}{2}$	34. $\frac{3}{4}$
52.	37.	51. $\frac{1}{2}$	37. $\frac{3}{4}$	51.	37. $\frac{3}{4}$	49.	37. $\frac{1}{2}$	48.	36. $\frac{3}{4}$	44.	36.	41.	35.
52. $\frac{1}{2}$	37.	52.	37. $\frac{3}{4}$	51. $\frac{1}{2}$	37. $\frac{3}{4}$	49. $\frac{1}{2}$	37. $\frac{3}{4}$	48. $\frac{1}{2}$	37.	44. $\frac{1}{2}$	36.	41. $\frac{1}{2}$	35. $\frac{1}{4}$
53.	37.	52. $\frac{1}{2}$	38.	52.	38.	50.	38.	49.	37. $\frac{1}{4}$	45.	36. $\frac{1}{2}$	42.	35. $\frac{1}{2}$
27 Inches.		53. $\frac{1}{2}$	38. $\frac{1}{4}$	52. $\frac{1}{2}$	38. $\frac{1}{4}$	50. $\frac{1}{2}$	38. $\frac{1}{4}$	49. $\frac{1}{2}$	37. $\frac{1}{2}$	46.	36. $\frac{3}{4}$	43.	35. $\frac{3}{4}$
27. $\frac{1}{2}$	27.	54.	38. $\frac{1}{2}$	53.	38. $\frac{1}{2}$	51.	38.	50.	37. $\frac{3}{4}$	47.	37.	44.	36.
28.	27.	27. $\frac{1}{2}$ Inch.		54.	38. $\frac{1}{2}$	52.	38. $\frac{1}{4}$	50.	38.	47. $\frac{1}{2}$	37. $\frac{1}{2}$	44. $\frac{1}{2}$	36. $\frac{1}{4}$
28. $\frac{1}{2}$	27.	28.	27. $\frac{3}{4}$	54. $\frac{1}{2}$	38. $\frac{3}{4}$	52. $\frac{1}{2}$	38. $\frac{1}{2}$	50. $\frac{1}{2}$	38. $\frac{1}{2}$	48.	37. $\frac{1}{4}$	45.	36. $\frac{1}{2}$
29.	27.	28. $\frac{1}{2}$	28.	55.	39.	53.	38. $\frac{3}{4}$	51.	38. $\frac{3}{4}$	48. $\frac{1}{2}$	37. $\frac{1}{2}$	45. $\frac{1}{2}$	36. $\frac{3}{4}$
29. $\frac{1}{2}$	28.	28. $\frac{1}{2}$	27. $\frac{3}{4}$	53. $\frac{1}{2}$	38. $\frac{3}{4}$	53. $\frac{1}{2}$	38. $\frac{3}{4}$	51. $\frac{1}{2}$	38. $\frac{3}{4}$	49.	37. $\frac{3}{4}$	46.	36. $\frac{3}{4}$
30.	28.	29.	28.	54.	38. $\frac{3}{4}$	54.	38. $\frac{3}{4}$	52.	38. $\frac{3}{4}$	49. $\frac{1}{2}$	38.	46. $\frac{1}{2}$	37.

A TABLE of the true Square of unequal fided Timber, &c.

47.	37.	44.	36.	40.	35.	36.	33.	31.	58.	43.	53.	41.
47.	37.	44.	36.	41.	35.	37.	33.	31.	59.	43.	54.	41.
48.	37.	45.	36.	41.	35.	37.	34.	32.	59.	43.	54.	41.
48.	37.	45.	37.	42.	35.	38.	34.	32.	60.	43.	55.	42.
49.	38.	46.	37.	42.	36.	38.	34.	33.	60.	43.	55.	42.
49.	38.	46.	37.	43.	36.	39.	34.	33.	61.	43.	56.	42.
50.	38.	47.	37.	43.	36.	39.	35.	34.	61.	44.	56.	42.
50.	38.	47.	37.	44.	36.	40.	35.	34.	62.	44.	57.	42.
51.	38.	48.	38.	44.	36.	40.	35.	35.	62.	44.	57.	43.
51.	39.	48.	38.	45.	37.	41.	35.	35.	63.	44.	58.	43.
52.	39.	49.	38.	45.	37.	41.	35.	36.	63.	44.	58.	43.
52.	39.	49.	38.	46.	37.	42.	36.	36.	32 Inches.	59.	43.	43.
53.	39.	50.	38.	46.	37.	42.	36.	37.	32.	59.	43.	43.
53.	39.	50.	39.	47.	37.	43.	36.	37.	32.	60.	43.	43.
54.	40.	51.	39.	47.	38.	43.	36.	38.	32.	60.	44.	44.
54.	40.	51.	39.	48.	38.	44.	37.	38.	32.	61.	44.	44.
55.	40.	52.	39.	48.	38.	44.	37.	39.	32.	61.	44.	44.
55.	40.	52.	39.	49.	38.	45.	37.	39.	32.	62.	44.	44.
56.	40.	53.	39.	49.	38.	45.	37.	40.	32.	62.	44.	44.
56.	40.	53.	40.	50.	39.	46.	37.	40.	32.	63.	45.	45.
57.	41.	54.	40.	50.	39.	46.	38.	41.	32.	63.	45.	45.
57.	41.	54.	40.	51.	39.	47.	38.	41.	32.	64.	45.	45.
58.	41.	55.	40.	51.	39.	47.	38.	42.	32.	32.	45.	45.
58.	41.	55.	40.	52.	39.	48.	38.	42.	32.	32.	45.	45.
59.	41.	56.	40.	52.	40.	48.	38.	43.	32.	32.	45.	45.
59.	41.	56.	41.	53.	40.	49.	39.	43.	32.	32.	45.	45.
30 Inches.	57.	41.	53.	40.	49.	50.	39.	44.	32.	32.	45.	45.
30.	57.	41.	54.	40.	50.	50.	39.	44.	32.	32.	45.	45.
31.	58.	41.	54.	40.	50.	51.	39.	45.	32.	32.	45.	45.
31.	58.	42.	55.	41.	51.	51.	40.	46.	32.	32.	45.	45.
31.	59.	42.	55.	41.	52.	52.	40.	46.	32.	32.	45.	45.
32.	59.	42.	56.	41.	52.	52.	40.	47.	32.	32.	45.	45.
32.	60.	42.	56.	41.	52.	53.	40.	47.	32.	32.	45.	45.
32.	60.	42.	57.	41.	53.	53.	40.	48.	32.	32.	45.	45.
33.	60.	42.	57.	41.	53.	54.	41.	48.	32.	32.	45.	45.
33.	61.	43.	58.	42.	54.	54.	41.	49.	32.	32.	45.	45.
34.	61.	43.	58.	42.	55.	55.	41.	49.	32.	32.	45.	45.
34.	62.	43.	59.	42.	55.	55.	41.	50.	32.	32.	45.	45.
34.	62.	43.	60.	42.	56.	56.	41.	50.	32.	32.	45.	45.
35.	62.	43.	60.	43.	56.	57.	42.	51.	32.	32.	45.	45.
35.	63.	44.	61.	43.	57.	57.	42.	51.	32.	32.	45.	45.
36.	63.	44.	61.	43.	57.	58.	42.	52.	32.	32.	45.	45.
36.	64.	44.	62.	43.	58.	58.	42.	52.	32.	32.	45.	45.
37.	64.	44.	62.	43.	58.	59.	42.	53.	32.	32.	45.	45.
37.	65.	45.	63.	43.	59.	59.	42.	53.	32.	32.	45.	45.
38.	65.	45.	63.	43.	59.	60.	42.	54.	32.	32.	45.	45.
38.	66.	45.	64.	43.	60.	60.	42.	54.	32.	32.	45.	45.
39.	66.	45.	64.	43.	60.	61.	42.	55.	32.	32.	45.	45.
39.	67.	46.	65.	43.	61.	61.	42.	55.	32.	32.	45.	45.
40.	67.	46.	65.	43.	61.	62.	42.	56.	32.	32.	45.	45.
40.	68.	46.	66.	43.	62.	62.	42.	56.	32.	32.	45.	45.
41.	68.	46.	66.	43.	62.	63.	42.	57.	32.	32.	45.	45.
41.	69.	47.	67.	43.	63.	63.	42.	57.	32.	32.	45.	45.
42.	69.	47.	67.	43.	63.	64.	42.	58.	32.	32.	45.	45.
42.	70.	47.	68.	43.	64.	64.	42.	58.	32.	32.	45.	45.
43.	70.	47.	68.	43.	64.	65.	42.	59.	32.	32.	45.	45.
43.	71.	48.	69.	43.	65.	65.	42.	59.	32.	32.	45.	45.
43.	71.	48.	69.	43.	65.	66.	42.	60.	32.	32.	45.	45.
44.	72.	48.	70.	43.	66.	66.	42.	60.	32.	32.	45.	45.
44.	72.	48.	70.	43.	66.	67.	42.	61.	32.	32.	45.	45.
45.	73.	49.	71.	43.	67.	67.	42.	61.	32.	32.	45.	45.
45.	73.	49.	71.	43.	67.	68.	42.	62.	32.	32.	45.	45.
46.	74.	49.	72.	43.	68.	68.	42.	62.	32.	32.	45.	45.
46.	74.	49.	72.	43.	68.	69.	42.	63.	32.	32.	45.	45.
47.	75.	50.	73.	43.	69.	69.	42.	63.	32.	32.	45.	45.
47.	75.	50.	73.	43.	69.	70.	42.	64.	32.	32.	45.	45.
48.	76.	50.	74.	43.	70.	70.	42.	64.	32.	32.	45.	45.
48.	76.	50.	74.	43.	70.	71.	42.	65.	32.	32.	45.	45.
49.	77.	51.	75.	43.	71.	71.	42.	65.	32.	32.	45.	45.
49.	77.	51.	75.	43.	71.	72.	42.	66.	32.	32.	45.	45.
50.	78.	51.	76.	43.	72.	72.	42.	66.	32.	32.	45.	45.
50.	78.	51.	76.	43.	72.	73.	42.	67.	32.	32.	45.	45.
51.	79.	52.	77.	43.	73.	73.	42.	67.	32.	32.	45.	45.
51.	79.	52.	77.	43.	73.	74.	42.	68.	32.	32.	45.	45.
52.	80.	52.	78.	43.	74.	74.	42.	68.	32.	32.	45.	45.
52.	80.	52.	78.	43.	74.	75.	42.	69.	32.	32.	45.	45.
53.	81.	53.	79.	43.	75.	75.	42.	69.	32.	32.	45.	45.
53.	81.	53.	79.	43.	75.	76.	42.	70.	32.	32.	45.	45.
54.	82.	53.	80.	43.	76.	76.	42.	70.	32.	32.	45.	45.
54.	82.	53.	80.	43.	76.	77.	42.	71.	32.	32.	45.	45.
55.	83.	54.	81.	43.	77.	77.	42.	71.	32.	32.	45.	45.
55.	83.	54.	81.	43.	77.	78.	42.	72.	32.	32.	45.	45.
56.	84.	54.	82.	43.	78.	78.	42.	72.	32.	32.	45.	45.
56.	84.	54.	82.	43.	78.	79.	42.	73.	32.	32.	45.	45.
57.	85.	55.	83.	43.	79.	79.	42.	73.	32.	32.	45.	45.
57.	85.	55.	83.	43.	79.	80.	42.	74.	32.	32.	45.	45.
58.	86.	55.	84.	43.	80.	80.	42.	74.	32.	32.	45.	45.
58.	86.	55.	84.	43.	80.	81.	42.	75.	32.	32.	45.	45.
59.	87.	56.	85.	43.	81.	81.	42.	75.	32.	32.	45.	45.
59.	87.	56.	85.	43.	81.	82.	42.	76.	32.	32.	45.	45.
60.	88.	56.	86.	43.	82.	82.	42.	76.	32.	32.	45.	45.
60.	88.	56.	86.	43.	82.	83.	42.	77.	32.	32.	45.	45.
61.	89.	57.	87.	43.	83.	83.	42.	77.	32.	32.	45.	45.
61.	89.	57.	87.	43.	83.	84.	42.	78.	32.	32.	45.	45.
62.	90.	57.	88.	43.	84.	84.	42.	78.	32.	32.	45.	45.
62.	90.	57.	88.	43.	84.	85.	42.	79.	32.	32.	45.	45.
63.	91.	58.	89.	43.	85.	85.	42.	79.	32.	32.	45.	45.
63.	91.	58.	89.	43.	85.	86.	42.	80.	32.	32.	45.	45.
64.	92.	58.	90.	43.	86.	86.	42.	80.	32.	32.	45.	45.
64.	92.	58.	90.	43.	86.	87.	42.	81.	32.	32.	45.	45.
65.	93.	59.	91.	43.	87.	87.	42.	81.	32.	32.	45.	45.
65.	93.	59.	91.	43.	87.	88.	42.	82.	32.	32.	45.	45.
66.	94.	59.	92.	43.	88.	88.	42.	82.	32.	32.	45.	45.
66.	94.	59.	92.	43.	88.	89.	42.	83.	32.	32.	45.	45.
67.	95.	60.	93.	43.	89.	89.	42.	83.	32.	32.	45.	45.
67.	95.	60.	93.	43.	89.	90.	42.	84.	32.	32.	45.	45.
68.	96.	60.	94.	43.	90.	90.	42.	84.	32.	32.	45.	45.
68.	96.	60.	94.	43.	90.	91.	42.	85.	32.	32.	45.	45.
69.	97.	61.	95.	43.	91.	91.	42.	85.	32.	32.	45.	45.
69.	97.	61.	95.	43.	91.	92.	42.	86.	32.	32.	45.	45.
70.	98.	61.	96.	43.	92.	92.	42.	86.	32.	32.	45.	45.
70.	98.	61.	96.	43.	92.	93.	42.	87.	32.	32.	45.	45.
71.	99.	62.	97.	43.	93.	93.	42.	87.	32.	32.	45.	45.
71.	99.	62.	97.	43.	93.	94.	42.	88.	32.	32.	45.	45.
72.	100.	62.	98.	43.	94.	94.	42.	88.	32.	32.	45.	45.
72.	100.	62.	98.	43.	94.	95.	42.	89.	32.	32.	45.	45.
73.	101.	63.	99.	43.	95.	95.	42.	89.	32.	32.	45.	45.
73.	101.	63.	99.	43.	95.	96.	42.	90.	32.	32.	45.	45.
74.	102.	63.	100.	43.	96.	96.	42.	90.	32.	32.	45.	45.
74.	102.	63.	100.	43.	96.	97.	42.	91.	32.	32.	45.	45.
75.	103.	64.	101.	43.	97.	97.	42.	91.	32.	32.	45.	45.
75.	103.	64.	101.	43.	97.	98.	42.	92.	32.	32.	45.	45.
76.	104.	64.	102.	43.	98.	98.	42.	92.	32.	32.	45.	45.
76.	104.	64.	102.	43.	98.	99.	42.	93.	32.	32.	45.	45.
77.	105.	65.	103.	43.	99.	99.	42.	93.	32.	32.	45.	45.
77.	105.	65.	103.	43.	99.	100.	42.	94.	32.	32.		

A TABLE of the true Square of unequal sided Timber, &c.

48.	39. $\frac{1}{2}$	42.	37. $\frac{1}{4}$	36. $\frac{1}{2}$	34. $\frac{3}{4}$	64.	46. $\frac{1}{4}$	59.	44. $\frac{3}{4}$	54. $\frac{1}{2}$	43. $\frac{1}{4}$	50. $\frac{1}{2}$	42.
48. $\frac{1}{2}$	39. $\frac{3}{4}$	42. $\frac{1}{2}$	37. $\frac{1}{2}$	37.	35.	64. $\frac{1}{2}$	46. $\frac{1}{2}$	59. $\frac{1}{2}$	45.	55.	43. $\frac{1}{2}$	51.	42. $\frac{1}{4}$
49.	40.	43.	37. $\frac{3}{4}$	37. $\frac{1}{2}$	35. $\frac{1}{4}$	65.	46. $\frac{3}{4}$	60.	45. $\frac{1}{4}$	55. $\frac{1}{2}$	43. $\frac{3}{4}$	51. $\frac{1}{2}$	42. $\frac{1}{2}$
49. $\frac{1}{2}$	40. $\frac{1}{4}$	43. $\frac{1}{2}$	38.	38.	35. $\frac{1}{2}$	34 Inches.		60. $\frac{1}{2}$	45. $\frac{1}{2}$	56.	44.	52.	42. $\frac{3}{4}$
50.	40. $\frac{1}{2}$	44.	38. $\frac{1}{4}$	38. $\frac{1}{2}$	35. $\frac{3}{4}$			61.	45. $\frac{3}{4}$	56. $\frac{1}{2}$	44. $\frac{1}{4}$	52. $\frac{1}{2}$	42. $\frac{3}{4}$
50. $\frac{1}{2}$	40. $\frac{1}{2}$	44. $\frac{1}{2}$	38. $\frac{1}{2}$	39.	36.	34. $\frac{1}{2}$	34. $\frac{1}{4}$	61. $\frac{1}{2}$	45. $\frac{3}{4}$	57.	44. $\frac{1}{2}$	53.	43.
51.	40. $\frac{3}{4}$	45.	38. $\frac{3}{4}$	39. $\frac{1}{2}$	36. $\frac{1}{4}$	35.	34. $\frac{1}{2}$	62.	46.	57. $\frac{1}{2}$	44. $\frac{3}{4}$	53. $\frac{1}{2}$	43. $\frac{1}{4}$
51. $\frac{1}{2}$	41.	45. $\frac{1}{2}$	38. $\frac{3}{4}$	40.	36. $\frac{1}{2}$	35. $\frac{1}{2}$	34. $\frac{1}{2}$	62. $\frac{1}{2}$	46.	58.	44. $\frac{3}{4}$	54.	43. $\frac{1}{2}$
52.	41.	46.	39.	40. $\frac{1}{2}$	36. $\frac{3}{4}$	35. $\frac{1}{2}$	34. $\frac{1}{2}$	63.	46. $\frac{1}{4}$	58. $\frac{1}{2}$	45.	54. $\frac{1}{2}$	43. $\frac{3}{4}$
52. $\frac{1}{2}$	41. $\frac{1}{4}$	46. $\frac{1}{2}$	39. $\frac{1}{4}$	41.	37.	36.	34. $\frac{3}{4}$	63. $\frac{1}{2}$	46. $\frac{1}{2}$	59.	45.	55.	44.
53.	41. $\frac{1}{2}$	47.	39. $\frac{1}{2}$	41. $\frac{1}{2}$	37. $\frac{1}{4}$	36. $\frac{1}{2}$	35. $\frac{1}{4}$	64.	46. $\frac{3}{4}$	59. $\frac{1}{2}$	45. $\frac{1}{4}$	55. $\frac{1}{2}$	44.
53. $\frac{1}{2}$	41. $\frac{3}{4}$	47. $\frac{1}{2}$	39. $\frac{3}{4}$	42.	37. $\frac{1}{2}$	37.	35. $\frac{1}{2}$	64. $\frac{1}{2}$	46.	60.	45. $\frac{1}{2}$	56.	44. $\frac{1}{4}$
54.	42.	48.	39. $\frac{3}{4}$	42. $\frac{1}{2}$	37. $\frac{3}{4}$	37. $\frac{1}{2}$	35. $\frac{3}{4}$	65.	47.	60. $\frac{1}{2}$	45. $\frac{3}{4}$	56. $\frac{1}{2}$	44. $\frac{1}{2}$
54. $\frac{1}{2}$	42. $\frac{1}{2}$	48. $\frac{1}{2}$	40.	43.	38.	38.	36.	34. $\frac{1}{2}$ Inch.		61.	45. $\frac{3}{4}$	57.	44. $\frac{3}{4}$
55.	42.	49.	40. $\frac{1}{4}$	43. $\frac{1}{2}$	38. $\frac{1}{4}$	38. $\frac{1}{2}$	36. $\frac{1}{4}$			61. $\frac{1}{2}$	46.	57. $\frac{1}{2}$	44. $\frac{3}{4}$
55. $\frac{1}{2}$	42. $\frac{1}{2}$	49. $\frac{1}{2}$	40. $\frac{1}{2}$	44.	38. $\frac{1}{2}$	39.	36. $\frac{1}{2}$	35.	34. $\frac{1}{2}$	62.	46. $\frac{1}{4}$	58.	45.
56.	42. $\frac{3}{4}$	50.	40. $\frac{1}{2}$	44. $\frac{1}{2}$	38. $\frac{3}{4}$	39. $\frac{1}{2}$	36. $\frac{3}{4}$	35. $\frac{1}{2}$	34. $\frac{3}{4}$	62. $\frac{1}{2}$	46. $\frac{1}{2}$	58. $\frac{1}{2}$	45. $\frac{1}{4}$
56. $\frac{1}{2}$	42. $\frac{3}{4}$	50. $\frac{1}{2}$	40. $\frac{3}{4}$	45.	38. $\frac{3}{4}$	40.	37.	35. $\frac{1}{4}$	35. $\frac{1}{4}$	63.	46. $\frac{1}{2}$	59.	45. $\frac{1}{2}$
57.	43.	51.	41.	45. $\frac{1}{2}$	39.	40. $\frac{1}{2}$	37.	36.	35. $\frac{1}{2}$	63. $\frac{1}{2}$	46. $\frac{3}{4}$	59. $\frac{1}{2}$	45. $\frac{3}{4}$
57. $\frac{1}{2}$	43. $\frac{1}{4}$	51. $\frac{1}{2}$	41. $\frac{1}{4}$	46.	39. $\frac{1}{4}$	41.	37. $\frac{1}{4}$	36. $\frac{1}{2}$	35. $\frac{1}{2}$	64.	47.	60.	45. $\frac{3}{4}$
58.	43. $\frac{1}{2}$	52.	41. $\frac{1}{2}$	46. $\frac{1}{2}$	39. $\frac{1}{2}$	41. $\frac{1}{2}$	37. $\frac{1}{2}$	37.	35. $\frac{3}{4}$	64. $\frac{1}{2}$	47. $\frac{1}{4}$	60. $\frac{1}{2}$	46.
58. $\frac{1}{2}$	43. $\frac{1}{2}$	52. $\frac{1}{2}$	41. $\frac{1}{2}$	47.	39. $\frac{3}{4}$	42.	37. $\frac{3}{4}$	37. $\frac{1}{2}$	36.	65.	47. $\frac{1}{2}$	61.	46. $\frac{1}{4}$
59.	43. $\frac{3}{4}$	53.	41. $\frac{3}{4}$	47. $\frac{1}{2}$	40.	42. $\frac{1}{2}$	38.	38.	36. $\frac{1}{4}$	35 Inches.		61. $\frac{1}{2}$	46. $\frac{1}{2}$
59. $\frac{1}{2}$	44.	53. $\frac{1}{2}$	42.	48.	40. $\frac{1}{4}$	43.	38. $\frac{1}{4}$	38. $\frac{1}{2}$	36. $\frac{1}{2}$			62.	46. $\frac{1}{2}$
60.	44. $\frac{1}{4}$	54.	42. $\frac{1}{4}$	48. $\frac{1}{2}$	40. $\frac{1}{4}$	43. $\frac{1}{2}$	38. $\frac{1}{2}$	39.	36. $\frac{3}{4}$			62. $\frac{1}{2}$	46. $\frac{3}{4}$
60. $\frac{1}{2}$	44. $\frac{1}{4}$	54. $\frac{1}{2}$	42. $\frac{1}{2}$	49.	40. $\frac{1}{2}$	44.	38. $\frac{3}{4}$	39. $\frac{1}{2}$	37.	35. $\frac{1}{2}$	35. $\frac{1}{4}$	63.	47.
61.	44. $\frac{1}{2}$	55.	42. $\frac{3}{4}$	49. $\frac{1}{2}$	40. $\frac{3}{4}$	44. $\frac{1}{2}$	38. $\frac{3}{4}$	40.	37. $\frac{1}{4}$	36.	35. $\frac{1}{2}$	63. $\frac{1}{2}$	47. $\frac{1}{4}$
61. $\frac{1}{2}$	44. $\frac{3}{4}$	55. $\frac{1}{2}$	42. $\frac{3}{4}$	50.	41.	45.	39.	40. $\frac{1}{2}$	37. $\frac{1}{4}$	36. $\frac{1}{2}$	35. $\frac{3}{4}$	64.	47. $\frac{1}{2}$
62.	45.	56.	43.	50. $\frac{1}{2}$	41. $\frac{1}{2}$	45. $\frac{1}{2}$	39. $\frac{1}{4}$	41.	37. $\frac{1}{2}$	37.	36.	64. $\frac{1}{2}$	47. $\frac{3}{4}$
62. $\frac{1}{2}$	45. $\frac{1}{2}$	56. $\frac{1}{2}$	43. $\frac{1}{4}$	51.	41. $\frac{3}{4}$	46.	39. $\frac{1}{2}$	41. $\frac{1}{2}$	37. $\frac{3}{4}$	37. $\frac{1}{2}$	36. $\frac{1}{4}$	65.	47. $\frac{3}{4}$
63.	45. $\frac{1}{4}$	57.	43. $\frac{1}{2}$	51. $\frac{1}{2}$	41. $\frac{3}{4}$	46. $\frac{1}{2}$	39. $\frac{3}{4}$	42.	38.	38.	36. $\frac{1}{2}$	35. $\frac{1}{2}$ Inch.	
63. $\frac{1}{2}$	45. $\frac{1}{2}$	57. $\frac{1}{2}$	43. $\frac{1}{2}$	52.	42.	47.	40.	42. $\frac{1}{2}$	38. $\frac{1}{4}$	38. $\frac{1}{2}$	36. $\frac{3}{4}$		
64.	45. $\frac{3}{4}$	58.	44.	52. $\frac{1}{2}$	42. $\frac{1}{4}$	47. $\frac{1}{2}$	40. $\frac{1}{4}$	43.	38. $\frac{1}{2}$	39.	37.		
64. $\frac{1}{2}$	45. $\frac{3}{4}$	58. $\frac{1}{2}$	44. $\frac{1}{4}$	53.	42. $\frac{1}{4}$	48.	40. $\frac{1}{2}$	43. $\frac{1}{2}$	38. $\frac{3}{4}$	39. $\frac{1}{2}$	37. $\frac{1}{4}$	36.	35. $\frac{3}{4}$
65.	46.	59.	44. $\frac{1}{2}$	53. $\frac{1}{2}$	42. $\frac{1}{2}$	48. $\frac{1}{2}$	40. $\frac{1}{2}$	44.	39.	40.	37. $\frac{1}{2}$	36. $\frac{1}{2}$	36.
33 Inches.		59. $\frac{1}{2}$	44. $\frac{1}{2}$	54.	42. $\frac{1}{2}$	49.	40. $\frac{3}{4}$	44. $\frac{1}{2}$	39. $\frac{1}{4}$	40. $\frac{1}{2}$	37. $\frac{1}{2}$	37.	36. $\frac{1}{4}$
		60.	44. $\frac{1}{2}$	54. $\frac{1}{2}$	42. $\frac{3}{4}$	49. $\frac{1}{2}$	41.	45.	39. $\frac{1}{2}$	41.	37. $\frac{3}{4}$	37. $\frac{1}{2}$	36. $\frac{1}{2}$
		60. $\frac{1}{2}$	44. $\frac{3}{4}$	55.	43.	50.	41. $\frac{1}{4}$	45. $\frac{1}{2}$	39. $\frac{3}{4}$	41. $\frac{1}{2}$	38.	38.	36. $\frac{3}{4}$
33. $\frac{1}{2}$	33. $\frac{1}{4}$	61.	44. $\frac{3}{4}$	55. $\frac{1}{2}$	43. $\frac{1}{4}$	50. $\frac{1}{2}$	41. $\frac{1}{2}$	46.	40.	42.	38. $\frac{1}{4}$	38. $\frac{1}{2}$	37.
34.	33. $\frac{1}{2}$	61. $\frac{1}{2}$	45.	56.	43. $\frac{1}{2}$	51.	41. $\frac{3}{4}$	46. $\frac{1}{2}$	40. $\frac{1}{4}$	42. $\frac{1}{2}$	38. $\frac{1}{2}$	39.	37. $\frac{1}{4}$
34. $\frac{1}{2}$	33. $\frac{3}{4}$	62.	45. $\frac{1}{2}$	56. $\frac{1}{2}$	43. $\frac{3}{4}$	51. $\frac{1}{2}$	42.	47.	40. $\frac{1}{2}$	43.	38. $\frac{3}{4}$	39. $\frac{1}{2}$	37. $\frac{1}{2}$
35.	34.	62. $\frac{1}{2}$	45. $\frac{3}{4}$	57.	44.	52.	42. $\frac{1}{4}$	47. $\frac{1}{2}$	40. $\frac{1}{2}$	43. $\frac{1}{2}$	39.	40.	37. $\frac{3}{4}$
35. $\frac{1}{2}$	34. $\frac{1}{4}$	63.	45. $\frac{3}{4}$	57. $\frac{1}{2}$	44. $\frac{1}{4}$	52. $\frac{1}{2}$	42. $\frac{1}{2}$	48.	40. $\frac{3}{4}$	44.	39. $\frac{1}{4}$	40. $\frac{1}{2}$	38.
36.	34. $\frac{1}{2}$	63. $\frac{1}{2}$	45.	58.	44. $\frac{1}{2}$	53.	42. $\frac{3}{4}$	48. $\frac{1}{2}$	41.	44. $\frac{1}{2}$	39. $\frac{1}{2}$	41.	38. $\frac{1}{4}$
36. $\frac{1}{2}$	34. $\frac{3}{4}$	64.	46.	58. $\frac{1}{2}$	44. $\frac{3}{4}$	53. $\frac{1}{2}$	42. $\frac{3}{4}$	49.	41. $\frac{1}{4}$	45.	39. $\frac{3}{4}$	41. $\frac{1}{2}$	38. $\frac{1}{2}$
37.	35.	64. $\frac{1}{2}$	46. $\frac{1}{4}$	59.	44. $\frac{3}{4}$	54.	42. $\frac{3}{4}$	49. $\frac{1}{2}$	41. $\frac{1}{2}$	45. $\frac{1}{2}$	40.	42.	38. $\frac{3}{4}$
37. $\frac{1}{2}$	35. $\frac{1}{4}$	65.	46. $\frac{1}{2}$	59. $\frac{1}{2}$	45.	54. $\frac{1}{2}$	43.	50.	41. $\frac{3}{4}$	46.	40. $\frac{1}{4}$	42. $\frac{1}{2}$	38. $\frac{3}{4}$
38.	35. $\frac{1}{2}$	33. $\frac{1}{2}$ Inch.		60.	45. $\frac{1}{2}$	55.	43. $\frac{1}{2}$	51.	42.	47.	40. $\frac{1}{2}$	43.	39.
38. $\frac{1}{2}$	35. $\frac{3}{4}$			61.	45. $\frac{3}{4}$	56.	43. $\frac{3}{4}$	51. $\frac{1}{2}$	42. $\frac{1}{4}$	47. $\frac{1}{2}$	40. $\frac{3}{4}$	43. $\frac{1}{2}$	39. $\frac{1}{2}$
39.	35.			61. $\frac{1}{2}$	45.	56. $\frac{1}{2}$	44.	52.	42. $\frac{1}{2}$	48.	41.	44.	40.
39. $\frac{1}{2}$	36.			62.	45. $\frac{1}{2}$	57.	44. $\frac{1}{4}$	52. $\frac{1}{2}$	42. $\frac{1}{2}$	48. $\frac{1}{2}$	41. $\frac{1}{4}$	44. $\frac{1}{2}$	40. $\frac{1}{2}$
40.	36. $\frac{1}{4}$			62. $\frac{1}{2}$	45. $\frac{3}{4}$	57. $\frac{1}{2}$	44. $\frac{1}{2}$	53.	42. $\frac{3}{4}$	49.	41. $\frac{1}{2}$	45.	41.
40. $\frac{1}{2}$	36. $\frac{1}{2}$			63.	45.	58.	44. $\frac{3}{4}$	53. $\frac{1}{2}$	43.	50.	41. $\frac{3}{4}$	45. $\frac{1}{2}$	41. $\frac{1}{2}$
41.	36. $\frac{3}{4}$			63. $\frac{1}{2}$	45. $\frac{1}{2}$	58. $\frac{1}{2}$	45.	54.	43. $\frac{1}{4}$	51.	42.	46.	41. $\frac{3}{4}$
41. $\frac{1}{2}$	37.			63. $\frac{3}{4}$	45. $\frac{3}{4}$	58. $\frac{3}{4}$	45. \frac						

47.	40.	44.	39.	41.	39.	39.	38.	37.	Inch.	64.	49.	63.	49.
47.	41.	44.	40.	42.	39.	40.	38.			65.	49.	64.	49.
48.	41.	45.	40.	42.	39.	41.	38.	37.				64.	49.
48.	41.	45.	40.	43.	39.	41.	39.	38.		38 Inches.		65.	49.
49.	41.	46.	40.	43.	39.	41.	39.	38.					
49.	42.	46.	41.	44.	40.	42.	39.	38.		38.	38.	38.	Inch.
50.	42.	47.	41.	44.	40.	42.	39.	40.		39.	38.		
50.	42.	47.	41.	45.	40.	43.	39.	40.		39.	38.	39.	38.
51.	42.	48.	41.	45.	40.	43.	40.	41.		39.	40.	39.	39.
51.	42.	48.	41.	46.	41.	44.	40.	41.		39.	40.	40.	39.
52.	43.	49.	42.	46.	41.	44.	40.	42.		39.	41.	39.	39.
52.	43.	49.	42.	47.	41.	45.	40.	42.		39.	41.	41.	39.
53.	43.	50.	42.	47.	41.	45.	41.	43.		40.	42.	40.	40.
53.	43.	50.	42.	48.	41.	46.	41.	43.		40.	42.	40.	40.
54.	43.	51.	42.	48.	42.	46.	41.	44.		40.	43.	40.	40.
54.	44.	51.	43.	49.	42.	47.	41.	44.		40.	43.	40.	40.
55.	44.	52.	43.	49.	42.	47.	42.	45.		41.	44.	41.	41.
55.	44.	52.	43.	50.	42.	48.	42.	45.		41.	44.	41.	41.
56.	44.	53.	43.	50.	43.	48.	42.	46.		41.	45.	41.	41.
56.	44.	53.	43.	51.	43.	49.	42.	46.		41.	45.	41.	41.
57.	45.	54.	44.	51.	43.	49.	42.	47.		42.	46.	42.	41.
57.	45.	54.	44.	52.	43.	50.	43.	47.		42.	46.	42.	42.
58.	45.	55.	44.	52.	43.	50.	43.	48.		42.	47.	42.	42.
58.	45.	55.	44.	53.	44.	51.	43.	48.		42.	47.	42.	42.
59.	45.	56.	45.	53.	44.	51.	43.	49.		42.	48.	42.	42.
59.	46.	56.	45.	54.	44.	52.	43.	49.		43.	48.	43.	43.
60.	46.	57.	45.	54.	44.	52.	44.	50.		43.	49.	43.	43.
60.	46.	57.	45.	55.	44.	53.	44.	50.		43.	49.	43.	43.
61.	46.	58.	45.	55.	45.	53.	44.	51.		44.	50.	43.	43.
61.	46.	58.	46.	56.	45.	54.	44.	51.		44.	50.	43.	43.
62.	47.	59.	46.	56.	45.	54.	45.	52.		44.	51.	44.	44.
62.	47.	59.	46.	57.	45.	55.	45.	52.		44.	51.	44.	44.
63.	47.	60.	46.	57.	45.	55.	45.	53.		44.	52.	44.	44.
63.	47.	60.	46.	58.	46.	56.	45.	53.		44.	52.	44.	44.
64.	47.	61.	46.	58.	46.	56.	45.	54.		45.	53.	44.	45.
64.	47.	61.	47.	59.	46.	57.	45.	54.		45.	53.	45.	45.
65.	48.	62.	47.	59.	46.	57.	46.	55.		45.	54.	45.	45.
		62.	47.	60.	46.	58.	46.	55.		45.	54.	45.	45.
		63.	47.	60.	47.	58.	46.	56.		45.	55.	46.	46.
		63.	47.	61.	47.	59.	46.	56.		46.	55.	46.	46.
		64.</											

63.	49. $\frac{1}{4}$	63.	49. $\frac{1}{2}$	63. $\frac{1}{2}$	50. $\frac{1}{4}$	64. $\frac{1}{2}$	50. $\frac{3}{4}$	4 Inches.	43.	42.	46.	44.
63. $\frac{1}{2}$	49. $\frac{1}{2}$	63. $\frac{1}{2}$	49. $\frac{3}{4}$	64.	50. $\frac{1}{4}$	65.	51.		43. $\frac{1}{2}$	42. $\frac{1}{4}$	46. $\frac{1}{2}$	44. $\frac{1}{4}$
64.	49. $\frac{3}{4}$	64.	50.	64. $\frac{1}{2}$	50. $\frac{1}{2}$			41. $\frac{1}{2}$	41. $\frac{1}{4}$	44.	42. $\frac{3}{4}$	47.
64. $\frac{1}{2}$	49. $\frac{3}{4}$	64. $\frac{1}{2}$	50. $\frac{1}{4}$	65.	50. $\frac{3}{4}$	40. $\frac{1}{2}$ Inch.	42.	41. $\frac{1}{2}$	44. $\frac{1}{2}$	43.	47. $\frac{1}{2}$	44. $\frac{1}{2}$
65.	50.	65.	50. $\frac{1}{4}$				42. $\frac{1}{2}$	41. $\frac{3}{4}$	45.	43. $\frac{1}{4}$	48.	44. $\frac{3}{4}$

[illegible]

A TABLE of the true Square of unequal sided Timber, &c.

49. ¹ / ₂	45. ³ / ₄	53. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	52. ³ / ₄	47. ¹ / ₂	46. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₄	60. ¹ / ₂	52. ³ / ₄
50.	46.	54. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	52. ³ / ₄	47. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	61. ¹ / ₂	53. ¹ / ₄
50. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	48. ¹ / ₂	59. ¹ / ₂	50. ¹ / ₂	64. ¹ / ₂	53. ¹ / ₄	48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	61. ¹ / ₂	53. ¹ / ₄
51.	46. ¹ / ₂	55. ¹ / ₂	48. ¹ / ₂	60. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂
51. ¹ / ₂	46. ¹ / ₂	55. ¹ / ₂	48. ¹ / ₂	60. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂
52.	47.	56. ¹ / ₂	49. ¹ / ₂	61. ¹ / ₂	51. ¹ / ₂	44. ¹ / ₂ Inch.		50. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	53. ¹ / ₄
52. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	49. ¹ / ₂	61. ¹ / ₂	51. ¹ / ₂	44. ¹ / ₂ Inch.		50. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	53. ¹ / ₄
53.	47. ¹ / ₂	57. ¹ / ₂	49. ¹ / ₂	62. ¹ / ₂	51. ¹ / ₂	45. ¹ / ₂	44. ³ / ₄	51. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂	64. ¹ / ₂	54. ¹ / ₄
53. ¹ / ₂	47. ¹ / ₂	57. ¹ / ₂	49. ¹ / ₂	62. ¹ / ₂	51. ¹ / ₂	45. ¹ / ₂	44. ³ / ₄	51. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂	64. ¹ / ₂	54. ¹ / ₄
54.	48.	58. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	54. ¹ / ₄
54. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	54. ¹ / ₄
55.	48. ¹ / ₂	59. ¹ / ₂	50. ¹ / ₂	64. ¹ / ₂	53. ¹ / ₂	47. ¹ / ₂	45. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	59. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂ Inch.	
55. ¹ / ₂	48. ¹ / ₂	59. ¹ / ₂	50. ¹ / ₂	64. ¹ / ₂	53. ¹ / ₂	47. ¹ / ₂	45. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	59. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂ Inch.	
56.	48. ¹ / ₂	60. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	53. ¹ / ₄	48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	60. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	46. ³ / ₄
56. ¹ / ₂	49.	61. ¹ / ₂	51. ¹ / ₂	44 Inches.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	60. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	47. ¹ / ₂
57.	49. ¹ / ₂	61. ¹ / ₂	51. ¹ / ₂	44 Inches.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	60. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	47. ¹ / ₂
57. ¹ / ₂	49. ¹ / ₂	62. ¹ / ₂	51. ¹ / ₂	44 Inches.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	60. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	47. ¹ / ₂
58.	49. ¹ / ₂	62. ¹ / ₂	51. ¹ / ₂	44. ¹ / ₂	44. ¹ / ₂	50. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	47. ¹ / ₂
58. ¹ / ₂	49. ¹ / ₂	62. ¹ / ₂	51. ¹ / ₂	44. ¹ / ₂	44. ¹ / ₂	50. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂	47. ¹ / ₂
59.	50.	63. ¹ / ₂	52. ¹ / ₂	45. ¹ / ₂	44. ¹ / ₂	51. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂	63. ¹ / ₂	53. ¹ / ₂	50. ¹ / ₂	48. ¹ / ₂
59. ¹ / ₂	50. ¹ / ₂	63. ¹ / ₂	52. ¹ / ₂	45. ¹ / ₂	44. ¹ / ₂	51. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂	63. ¹ / ₂	53. ¹ / ₂	50. ¹ / ₂	48. ¹ / ₂
60.	50. ¹ / ₂	64. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	52. ¹ / ₂	64. ¹ / ₂	54. ¹ / ₂	51. ¹ / ₂	48. ¹ / ₂
60. ¹ / ₂	50. ¹ / ₂	64. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	52. ¹ / ₂	64. ¹ / ₂	54. ¹ / ₂	51. ¹ / ₂	48. ¹ / ₂
61.	51.	65. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	45. ¹ / ₂	53. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	53. ¹ / ₂	65. ¹ / ₂	54. ¹ / ₂	52. ¹ / ₂	49. ¹ / ₂
61. ¹ / ₂	51. ¹ / ₂	43. ¹ / ₂ Inch.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	59. ¹ / ₂	54. ¹ / ₂	66. ¹ / ₂	55. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂
62.	51. ¹ / ₂	43. ¹ / ₂ Inch.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	59. ¹ / ₂	54. ¹ / ₂	66. ¹ / ₂	55. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂
62. ¹ / ₂	51. ¹ / ₂	43. ¹ / ₂ Inch.		48. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	59. ¹ / ₂	54. ¹ / ₂	66. ¹ / ₂	55. ¹ / ₂	53. ¹ / ₂	49. ¹ / ₂
63.	51. ¹ / ₂	44. ¹ / ₂	43. ³ / ₄	49. ¹ / ₂	46. ¹ / ₂	55. ¹ / ₂	49. ¹ / ₂	60. ¹ / ₂	52. ¹ / ₂	46. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	50. ¹ / ₂
63. ¹ / ₂	52. ¹ / ₂	44. ¹ / ₂	44. ¹ / ₂	49. ¹ / ₂	46. ¹ / ₂	55. ¹ / ₂	49. ¹ / ₂	61. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	50. ¹ / ₂
64.	52. ¹ / ₂	45. ¹ / ₂	44. ¹ / ₂	50. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂	48. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂
64. ¹ / ₂	52. ¹ / ₂	45. ¹ / ₂	44. ¹ / ₂	50. ¹ / ₂	47. ¹ / ₂	56. ¹ / ₂	50. ¹ / ₂	62. ¹ / ₂	53. ¹ / ₂	48. ¹ / ₂	47. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂
65.	52. ¹ / ₂	46. ¹ / ₂	44. ¹ / ₂	51. ¹ / ₂	47. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂	63. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	48. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂
43 Inches.		46. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂	63. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	48. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂
43 Inches.		47. ¹ / ₂	45. ¹ / ₂	52. ¹ / ₂	47. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂	63. ¹ / ₂	54. ¹ / ₂	49. ¹ / ₂	48. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂
43. ¹ / ₂	43. ¹ / ₂	48. ¹ / ₂	45. ¹ / ₂	53. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	51. ¹ / ₂	64. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂
44.	43. ¹ / ₂	48. ¹ / ₂	45. ¹ / ₂	53. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	51. ¹ / ₂	64. ¹ / ₂	55. ¹ / ₂	50. ¹ / ₂	48. ¹ / ₂	57. ¹ / ₂	51. ¹ / ₂
44. ¹ / ₂	43. ¹ / ₂	49. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	48. ¹ / ₂	59. ¹ / ₂	51. ¹ / ₂	65. ¹ / ₂	56. ¹ / ₂	51. ¹ / ₂	48. ¹ / ₂	58. ¹ / ₂	52. ¹ / ₂
45.	44.	49. ¹ / ₂	46. ¹ / ₂	54. ¹ / ₂	48. ¹ / ₂	60. ¹ / ₂	51. ¹ / ₂						

A TABLE of the true Square of unequal fided Timber, &c.

48. $\frac{1}{2}$	47. $\frac{3}{4}$	57.	53. $\frac{3}{4}$	48. $\frac{1}{2}$ Inch.	58.	54. $\frac{1}{4}$	52.	51.	63. $\frac{1}{2}$	56. $\frac{1}{2}$
49.	48.	57. $\frac{1}{2}$	52.		58. $\frac{1}{2}$	53. $\frac{1}{2}$	52. $\frac{1}{2}$	51. $\frac{1}{4}$	64.	56. $\frac{3}{4}$
49. $\frac{1}{2}$	48. $\frac{1}{4}$	58.	52. $\frac{1}{4}$	49.	48. $\frac{3}{4}$	53. $\frac{3}{4}$	53.	51. $\frac{1}{2}$	64. $\frac{1}{2}$	57.
50.	48. $\frac{1}{2}$	58. $\frac{1}{2}$	52. $\frac{1}{2}$	49. $\frac{1}{2}$	49.	54.	53. $\frac{1}{2}$	51. $\frac{3}{4}$	65.	57. $\frac{1}{4}$
50. $\frac{1}{2}$	48. $\frac{3}{4}$	59.	52. $\frac{3}{4}$	50.	49. $\frac{1}{4}$	54. $\frac{1}{4}$	54.	52.	51 Inches.	
51.	49.	59. $\frac{1}{2}$	53.	50. $\frac{1}{2}$	49. $\frac{1}{2}$	54. $\frac{1}{2}$	54. $\frac{1}{2}$	52. $\frac{1}{4}$		
51. $\frac{1}{2}$	49. $\frac{1}{4}$	60.	53. $\frac{1}{4}$	51.	49. $\frac{3}{4}$	54. $\frac{3}{4}$	55.	52. $\frac{1}{2}$	51. $\frac{1}{2}$	51. $\frac{1}{4}$
52.	49. $\frac{1}{2}$	60. $\frac{1}{2}$	53. $\frac{1}{2}$	51. $\frac{1}{2}$	50.	55.	55. $\frac{1}{2}$	52. $\frac{3}{4}$	52.	51. $\frac{1}{2}$
52. $\frac{1}{2}$	49. $\frac{3}{4}$	61.	53. $\frac{3}{4}$	52.	50. $\frac{1}{4}$	55.	56.	53.	52. $\frac{1}{2}$	51. $\frac{3}{4}$
53.	50.	61. $\frac{1}{2}$	54.	52. $\frac{1}{2}$	50. $\frac{1}{2}$	55. $\frac{1}{4}$	56. $\frac{1}{2}$	53. $\frac{1}{4}$	52. $\frac{1}{2}$	51. $\frac{3}{4}$
53. $\frac{1}{2}$	50. $\frac{1}{4}$	62.	54. $\frac{1}{4}$	53.	50. $\frac{1}{2}$	55. $\frac{1}{2}$	57.	53. $\frac{1}{2}$	53.	52.
54.	50. $\frac{1}{2}$	62. $\frac{1}{2}$	54. $\frac{1}{2}$	53. $\frac{1}{2}$	51.	55. $\frac{3}{4}$	57. $\frac{1}{2}$	53. $\frac{1}{2}$	53. $\frac{1}{2}$	52. $\frac{1}{4}$
54. $\frac{1}{2}$	50. $\frac{1}{2}$	63.	54. $\frac{3}{4}$	54.	51. $\frac{1}{4}$	56.	58.	53. $\frac{3}{4}$	54.	52. $\frac{1}{2}$
55.	50. $\frac{3}{4}$	63. $\frac{1}{2}$	54. $\frac{3}{4}$	54. $\frac{1}{2}$	51. $\frac{1}{2}$	56. $\frac{1}{4}$	58. $\frac{1}{2}$	54.	54. $\frac{1}{2}$	52. $\frac{3}{4}$
55. $\frac{1}{2}$	51.	64.	55.	55.	51. $\frac{3}{4}$	56. $\frac{1}{2}$	59.	54. $\frac{1}{4}$	55.	53.
56.	51. $\frac{1}{4}$	64. $\frac{1}{2}$	55. $\frac{1}{4}$	55. $\frac{1}{2}$	51. $\frac{3}{4}$		59. $\frac{1}{2}$	54. $\frac{1}{2}$	55. $\frac{1}{2}$	53. $\frac{1}{4}$
56. $\frac{1}{2}$	51. $\frac{1}{2}$	65.	55. $\frac{1}{2}$	56.	52.	49. $\frac{1}{2}$ Inch.	60.	54. $\frac{3}{4}$	56.	53. $\frac{1}{2}$
57.	51. $\frac{3}{4}$			56. $\frac{1}{2}$	52. $\frac{1}{4}$		60. $\frac{1}{2}$	55.	56. $\frac{1}{2}$	53. $\frac{3}{4}$
57. $\frac{1}{2}$	52.	48 Inches.		57.	52. $\frac{1}{2}$	50.	61.	55. $\frac{1}{4}$	57.	53. $\frac{1}{4}$
58.	52. $\frac{1}{4}$			57. $\frac{1}{2}$	52. $\frac{3}{4}$	50. $\frac{1}{2}$	61. $\frac{1}{2}$	55. $\frac{1}{2}$	57. $\frac{1}{2}$	54.
58. $\frac{1}{2}$	52. $\frac{1}{2}$	48. $\frac{1}{2}$	48. $\frac{1}{4}$	58.	53.	51.	62.	55. $\frac{1}{2}$	58.	54. $\frac{1}{4}$
59.	52. $\frac{3}{4}$	49.	48. $\frac{3}{4}$	58. $\frac{1}{2}$	53. $\frac{1}{4}$	51. $\frac{1}{2}$	62. $\frac{1}{2}$	56.	58. $\frac{1}{2}$	54. $\frac{1}{2}$
59. $\frac{1}{2}$	52. $\frac{3}{4}$	49. $\frac{1}{2}$	49.	59.	53. $\frac{1}{2}$	52.	63.	56. $\frac{1}{4}$	59.	54. $\frac{3}{4}$
60.	53.	50.	49. $\frac{1}{4}$	59. $\frac{1}{2}$	53. $\frac{3}{4}$	52. $\frac{1}{2}$	63. $\frac{1}{2}$	56. $\frac{1}{2}$	59. $\frac{1}{2}$	55.
60. $\frac{1}{2}$	53. $\frac{1}{4}$	50. $\frac{1}{2}$	49. $\frac{1}{2}$	60.	54.	53.	64.	56. $\frac{1}{2}$	60.	55. $\frac{1}{4}$
61.	53. $\frac{1}{2}$	51.	49. $\frac{3}{4}$	60. $\frac{1}{2}$	54. $\frac{1}{4}$	53. $\frac{1}{2}$	64. $\frac{1}{2}$	56. $\frac{3}{4}$	60. $\frac{1}{2}$	55. $\frac{1}{2}$
61. $\frac{1}{2}$	53. $\frac{3}{4}$	51. $\frac{1}{2}$	49.	61.	54. $\frac{1}{2}$	54.	65.	57.	61.	55. $\frac{3}{4}$
62.	54.	52.	50.	61. $\frac{1}{2}$	54. $\frac{1}{2}$	54. $\frac{1}{2}$			61. $\frac{1}{2}$	56.
62. $\frac{1}{2}$	54. $\frac{1}{4}$	52. $\frac{1}{2}$	50. $\frac{1}{4}$	62.	54. $\frac{3}{4}$	55.	50. $\frac{1}{2}$ Inch.		62.	56. $\frac{1}{4}$
63.	54. $\frac{1}{2}$	53.	50. $\frac{1}{2}$	62. $\frac{1}{2}$	55.	55. $\frac{1}{2}$	52.	51.	62. $\frac{1}{2}$	56. $\frac{1}{2}$
63. $\frac{1}{2}$	54. $\frac{1}{2}$	53. $\frac{1}{2}$	50. $\frac{3}{4}$	63.	55. $\frac{1}{4}$	56.	51. $\frac{1}{4}$	50. $\frac{3}{4}$	63.	56. $\frac{3}{4}$
64.	54. $\frac{3}{4}$	54.	51.	63. $\frac{1}{2}$	55. $\frac{1}{2}$	56. $\frac{1}{2}$	52. $\frac{1}{4}$	51. $\frac{1}{2}$	63. $\frac{1}{2}$	57.
64. $\frac{1}{2}$	55.	54. $\frac{1}{2}$	51. $\frac{1}{4}$	64.	55. $\frac{3}{4}$	57.	53.	51. $\frac{1}{4}$	64.	57. $\frac{1}{4}$
65.	55. $\frac{1}{4}$	55.	51. $\frac{1}{2}$	64. $\frac{1}{2}$	56.	57. $\frac{1}{2}$	53. $\frac{1}{2}$	51. $\frac{1}{2}$	64. $\frac{1}{2}$	57. $\frac{1}{2}$
		55. $\frac{1}{2}$	51. $\frac{3}{4}$	65.	56.	58.	53. $\frac{3}{4}$	51. $\frac{3}{4}$	65.	57. $\frac{1}{2}$
47. $\frac{1}{2}$ Inch.		56.	51. $\frac{1}{4}$			58. $\frac{1}{2}$	54.	52.		
		56. $\frac{1}{2}$	52.	49 Inches.		59.	54. $\frac{1}{4}$	52. $\frac{1}{4}$	51. $\frac{1}{2}$ Inch.	
48.	47. $\frac{3}{4}$	57.	52. $\frac{1}{4}$			59. $\frac{1}{2}$	54. $\frac{1}{2}$	52. $\frac{1}{2}$		
48. $\frac{1}{2}$	48.	57. $\frac{1}{2}$	52. $\frac{1}{2}$	49. $\frac{1}{2}$	49. $\frac{1}{4}$	60.	54. $\frac{1}{2}$	52. $\frac{3}{4}$	52.	51. $\frac{3}{4}$
49.	48. $\frac{1}{4}$	58.	52. $\frac{3}{4}$	50.	49. $\frac{1}{2}$	60. $\frac{1}{2}$	54. $\frac{3}{4}$	53.	52. $\frac{1}{2}$	52. $\frac{1}{4}$
49. $\frac{1}{2}$	48. $\frac{1}{2}$	58. $\frac{1}{2}$	53.	50. $\frac{1}{2}$	49. $\frac{3}{4}$	61.	55.	53. $\frac{1}{4}$	53.	52. $\frac{1}{2}$
50.	48. $\frac{3}{4}$	59.	53. $\frac{1}{4}$	51.	50.	61. $\frac{1}{2}$	55. $\frac{1}{4}$	53. $\frac{1}{2}$	54.	52. $\frac{3}{4}$
50. $\frac{1}{2}$	49.	59. $\frac{1}{2}$	53. $\frac{1}{2}$	51. $\frac{1}{2}$	50. $\frac{1}{4}$	62.	55. $\frac{1}{2}$	53. $\frac{3}{4}$	54. $\frac{1}{2}$	53.
51.	49. $\frac{1}{4}$	60.	53. $\frac{3}{4}$	52.	50. $\frac{1}{2}$	62. $\frac{1}{2}$	55. $\frac{3}{4}$	54.	55.	53. $\frac{1}{4}$
51. $\frac{1}{2}$	49. $\frac{1}{2}$	60. $\frac{1}{2}$	54.	52. $\frac{1}{2}$	50. $\frac{3}{4}$	63.	56.	54. $\frac{1}{4}$	55. $\frac{1}{2}$	53. $\frac{1}{2}$
52.	49. $\frac{3}{4}$	61.	54. $\frac{1}{4}$	53.	51.	63. $\frac{1}{2}$	56. $\frac{1}{4}$	54. $\frac{1}{2}$	56.	53. $\frac{3}{4}$
52. $\frac{1}{2}$	50.	61. $\frac{1}{2}$	54. $\frac{1}{2}$	53. $\frac{1}{2}$	51. $\frac{1}{4}$	64.	56. $\frac{1}{2}$	54. $\frac{3}{4}$	57.	54.
53.	50. $\frac{1}{4}$	62.	54. $\frac{3}{4}$	54.	51. $\frac{1}{2}$	64. $\frac{1}{2}$	56. $\frac{3}{4}$	55.	57. $\frac{1}{2}$	54. $\frac{1}{4}$
53. $\frac{1}{2}$	50. $\frac{1}{2}$	62. $\frac{1}{2}$	55.	54. $\frac{1}{2}$	51. $\frac{3}{4}$	65.	56.	55. $\frac{1}{4}$	58.	54. $\frac{1}{2}$
54.	50. $\frac{1}{2}$	63.	55. $\frac{1}{4}$	55.	52.			55. $\frac{1}{2}$	58. $\frac{1}{2}$	55.
54. $\frac{1}{2}$	50. $\frac{3}{4}$	63. $\frac{1}{2}$	55. $\frac{1}{2}$	55. $\frac{1}{2}$	52. $\frac{1}{4}$	50 Inches.		55. $\frac{3}{4}$	59.	55.
55.	51.	64.	55. $\frac{1}{2}$	56.	52. $\frac{1}{2}$			56.	60.	55. $\frac{1}{4}$
55. $\frac{1}{2}$	51. $\frac{1}{4}$	64. $\frac{1}{2}$	55. $\frac{3}{4}$	57.	52. $\frac{1}{2}$	50. $\frac{1}{2}$	50. $\frac{1}{4}$	56. $\frac{1}{4}$	61.	55. $\frac{1}{2}$
56.	51. $\frac{1}{2}$	65.	55.	57. $\frac{1}{2}$	53.	51.	50. $\frac{1}{2}$	56. $\frac{1}{2}$	62.	55.
56. $\frac{1}{2}$	51. $\frac{3}{4}$			57. $\frac{1}{2}$	53.	51. $\frac{1}{2}$	50. $\frac{3}{4}$	56. $\frac{3}{4}$	62. $\frac{1}{2}$	55. $\frac{1}{4}$

A TABLE of the true Square of unequal sided Timber, &c.

60. $\frac{1}{2}$	55. $\frac{3}{4}$	59. $\frac{1}{2}$	55. $\frac{3}{4}$	59. $\frac{1}{2}$	56. $\frac{1}{2}$	62. $\frac{1}{2}$	58. $\frac{1}{4}$	56 Inches.	63. $\frac{1}{2}$	60.
61.	56.	59. $\frac{1}{2}$	56.	60.	56. $\frac{1}{2}$	62. $\frac{1}{2}$	58. $\frac{1}{4}$		63. $\frac{1}{2}$	60.
61. $\frac{1}{2}$	56. $\frac{1}{4}$	60.	56. $\frac{1}{4}$	60. $\frac{1}{2}$	56. $\frac{3}{4}$	63.	58. $\frac{1}{2}$	56. $\frac{1}{2}$	64.	60. $\frac{1}{4}$
62.	56. $\frac{1}{2}$	60. $\frac{1}{2}$	56. $\frac{1}{4}$	61.	57.	63. $\frac{1}{2}$	58. $\frac{3}{4}$	57. $\frac{1}{2}$	64. $\frac{1}{2}$	60. $\frac{1}{2}$
62. $\frac{1}{2}$	56. $\frac{3}{4}$	61.	56. $\frac{1}{2}$	61. $\frac{1}{2}$	57. $\frac{1}{4}$	64.	59.	57. $\frac{1}{2}$	65.	60. $\frac{3}{4}$
63.	57.	61. $\frac{1}{2}$	56. $\frac{3}{4}$	62.	57. $\frac{1}{2}$	64. $\frac{1}{2}$	59. $\frac{1}{4}$	58.		
63. $\frac{1}{2}$	57. $\frac{1}{4}$	62.	57.	62. $\frac{1}{2}$	57. $\frac{3}{4}$	65.	59. $\frac{1}{2}$	58. $\frac{1}{2}$	57. $\frac{1}{2}$ Inch.	
64.	57. $\frac{1}{2}$	62. $\frac{1}{2}$	57. $\frac{1}{4}$	63.	58.			59.		
64. $\frac{1}{2}$	57. $\frac{1}{2}$	63.	57. $\frac{1}{2}$	63. $\frac{1}{2}$	58. $\frac{1}{4}$	55 Inches.		60.	58.	57. $\frac{3}{4}$
65.	57. $\frac{3}{4}$	63. $\frac{1}{2}$	57. $\frac{3}{4}$	64.	58. $\frac{1}{2}$			60. $\frac{1}{2}$	58. $\frac{1}{2}$	58.
		64.	58.	64. $\frac{1}{2}$	58. $\frac{3}{4}$			61.	58. $\frac{1}{4}$	58. $\frac{1}{4}$
52 Inches.		65.	58. $\frac{1}{4}$	65.	59.			61. $\frac{1}{2}$	58. $\frac{1}{2}$	58. $\frac{1}{2}$
								62.	58. $\frac{3}{4}$	59.
52. $\frac{1}{2}$	52. $\frac{1}{4}$	53 Inches.		54 Inches.				62. $\frac{1}{2}$	59.	60. $\frac{1}{2}$
53.	52. $\frac{1}{2}$			54. $\frac{1}{2}$	54. $\frac{1}{4}$			63.	59. $\frac{1}{4}$	61.
53. $\frac{1}{2}$	52. $\frac{3}{4}$			55.	54. $\frac{1}{2}$			63. $\frac{1}{2}$	59. $\frac{1}{2}$	61. $\frac{1}{2}$
54.	53.	53. $\frac{1}{2}$	53. $\frac{1}{4}$	55. $\frac{1}{2}$	54. $\frac{3}{4}$			64.	59. $\frac{3}{4}$	62.
54. $\frac{1}{2}$	53. $\frac{1}{4}$	54.	53. $\frac{1}{2}$	56.	55.			64. $\frac{1}{2}$	60.	62. $\frac{1}{2}$
55.	53. $\frac{1}{2}$	54. $\frac{1}{2}$	53. $\frac{3}{4}$	56. $\frac{1}{2}$	55. $\frac{1}{4}$			65.	60. $\frac{1}{4}$	63.
55. $\frac{1}{2}$	53. $\frac{3}{4}$	55.	54.	57.	55. $\frac{1}{2}$				60. $\frac{1}{2}$	63. $\frac{1}{2}$
56.	54.	55. $\frac{1}{2}$	54. $\frac{1}{4}$	57. $\frac{1}{2}$	55. $\frac{3}{4}$			56. $\frac{1}{2}$ Inch.	64.	60. $\frac{1}{2}$
56. $\frac{1}{2}$	54. $\frac{1}{4}$	56.	54. $\frac{1}{2}$	58.	56.				64. $\frac{1}{2}$	60. $\frac{3}{4}$
57.	54. $\frac{1}{2}$	57.	55.	58. $\frac{1}{2}$	56. $\frac{1}{4}$				65.	61.
57. $\frac{1}{2}$	54. $\frac{3}{4}$	57. $\frac{1}{2}$	55. $\frac{1}{4}$	59.	56. $\frac{1}{2}$					
58.	55.	58.	55. $\frac{1}{2}$	59. $\frac{1}{2}$	56. $\frac{3}{4}$				58 Inches.	
58. $\frac{1}{2}$	55. $\frac{1}{4}$	58. $\frac{1}{2}$	55. $\frac{3}{4}$	60.	57.					
59.	55. $\frac{1}{2}$	59.	56.	60. $\frac{1}{2}$	57. $\frac{1}{4}$				58. $\frac{1}{2}$	58. $\frac{1}{4}$
59. $\frac{1}{2}$	55. $\frac{3}{4}$	59. $\frac{1}{2}$	56. $\frac{1}{4}$	61.	57. $\frac{1}{2}$				59.	58. $\frac{1}{2}$
60.	56.	60.	56. $\frac{1}{2}$	61. $\frac{1}{2}$	57. $\frac{3}{4}$				60.	59.
60. $\frac{1}{2}$	56. $\frac{1}{4}$	60. $\frac{1}{2}$	56. $\frac{1}{2}$	62.	58.				60. $\frac{1}{2}$	59. $\frac{1}{4}$
61.	56. $\frac{1}{2}$	61.	56. $\frac{3}{4}$	62. $\frac{1}{2}$	58. $\frac{1}{4}$	55. $\frac{1}{2}$ Inch.			61.	59. $\frac{1}{2}$
61. $\frac{1}{2}$	56. $\frac{3}{4}$	61. $\frac{1}{2}$	57.	63.	58. $\frac{1}{2}$				61. $\frac{1}{2}$	59. $\frac{3}{4}$
62.	57.	62.	57. $\frac{1}{4}$	63. $\frac{1}{2}$	58. $\frac{3}{4}$				62.	60.
62. $\frac{1}{2}$	57. $\frac{1}{2}$	62. $\frac{1}{2}$	57. $\frac{1}{2}$	64.	59.				62. $\frac{1}{2}$	60. $\frac{1}{4}$
63.	57. $\frac{1}{4}$	63.	57. $\frac{3}{4}$	64. $\frac{1}{2}$	59. $\frac{1}{4}$				63.	60. $\frac{1}{2}$
63. $\frac{1}{2}$	57. $\frac{3}{4}$	63. $\frac{1}{2}$	58.	65.	59. $\frac{1}{2}$				63. $\frac{1}{2}$	60. $\frac{3}{4}$
64.	58.	64.	58. $\frac{1}{4}$						64.	61.
64. $\frac{1}{2}$	58. $\frac{1}{2}$	64. $\frac{1}{2}$	58. $\frac{1}{2}$	54. $\frac{1}{2}$ Inch.					64. $\frac{1}{2}$	61. $\frac{1}{4}$
65.	58. $\frac{3}{4}$	65.	58. $\frac{3}{4}$						65.	
52. $\frac{1}{2}$ Inch.		53. $\frac{1}{2}$ Inch.		55.	54. $\frac{3}{4}$				57 Inches.	58. $\frac{1}{2}$ Inch.
				55. $\frac{1}{2}$	55.					
53. $\frac{1}{2}$	53. $\frac{3}{4}$			56.	55. $\frac{1}{4}$					
54.	53. $\frac{1}{4}$	54. $\frac{1}{2}$	53. $\frac{1}{2}$	56. $\frac{1}{2}$	55. $\frac{1}{2}$					
54. $\frac{1}{2}$	53. $\frac{1}{2}$	54.	54. $\frac{1}{4}$	57.	55. $\frac{3}{4}$					
55.	53. $\frac{3}{4}$	55.	54. $\frac{1}{2}$	57. $\frac{1}{2}$	56.					
55. $\frac{1}{2}$	54.	55. $\frac{1}{2}$	54. $\frac{3}{4}$	58.	56. $\frac{1}{4}$					
56.	54. $\frac{1}{4}$	56.	55.	58. $\frac{1}{2}$	56. $\frac{1}{2}$					
56. $\frac{1}{2}$	54. $\frac{1}{2}$	57.	55. $\frac{1}{4}$	59.	56. $\frac{3}{4}$					
57.	54. $\frac{3}{4}$	57. $\frac{1}{2}$	55. $\frac{1}{2}$	59. $\frac{1}{2}$	57.					
57. $\frac{1}{2}$	55.	58.	55. $\frac{3}{4}$	60.	57. $\frac{1}{4}$					
58.	55. $\frac{1}{4}$	58. $\frac{1}{2}$	56.	61.	57. $\frac{1}{2}$					
58. $\frac{1}{2}$	55. $\frac{1}{2}$	59.	56. $\frac{1}{4}$	61. $\frac{1}{2}$	57. $\frac{3}{4}$					

A TABLE of the true Square of unequal sided Timber, &c.

64. $\frac{1}{2}$	61. $\frac{1}{4}$	60. $\frac{1}{2}$	60.	64. $\frac{1}{2}$	62. $\frac{1}{4}$	63. $\frac{1}{2}$	62. $\frac{1}{4}$	64. $\frac{1}{2}$	63. $\frac{1}{4}$	64. $\frac{1}{2}$	64.
65.	61. $\frac{1}{2}$	61.	60. $\frac{1}{4}$	65.	62. $\frac{1}{4}$	64.	62. $\frac{1}{2}$	65.	63. $\frac{1}{4}$	65.	64. $\frac{1}{4}$
59 Inches.				60. $\frac{1}{2}$ Inch.				62. $\frac{1}{2}$ Inch.		64 Inches.	
59. $\frac{1}{2}$	59. $\frac{1}{4}$	63.	61. $\frac{1}{4}$	61.	60. $\frac{3}{4}$	61. $\frac{1}{2}$ Inch.		63.	62. $\frac{3}{4}$	64. $\frac{1}{2}$	64. $\frac{1}{4}$
60.	59. $\frac{1}{2}$	63. $\frac{1}{2}$	61. $\frac{1}{2}$	61. $\frac{1}{2}$	61.			63. $\frac{1}{2}$	63.	65.	64. $\frac{1}{2}$
60. $\frac{1}{2}$	59. $\frac{3}{4}$	64.	61. $\frac{3}{4}$	62.	61. $\frac{1}{4}$	62.	61. $\frac{3}{4}$	64.	63. $\frac{1}{4}$		
61.	60.	64. $\frac{1}{2}$	62.	62. $\frac{1}{2}$	61. $\frac{1}{2}$	62. $\frac{1}{2}$	62.	64. $\frac{1}{2}$	63. $\frac{1}{2}$	64. $\frac{1}{2}$ Inch.	
61. $\frac{1}{2}$	60. $\frac{1}{4}$	65.	62.	63.	61. $\frac{3}{4}$	63.	62. $\frac{1}{4}$	65.	63. $\frac{3}{4}$		
62.	60. $\frac{1}{2}$	60 Inches.		63. $\frac{1}{2}$	62.	63. $\frac{1}{2}$	62. $\frac{1}{2}$	63 Inches.		65. 164. $\frac{3}{4}$	
62. $\frac{1}{2}$	60. $\frac{3}{4}$			64.	62. $\frac{1}{4}$	64.	62. $\frac{3}{4}$				
63.	61.			64. $\frac{1}{2}$	62. $\frac{1}{2}$	64. $\frac{1}{2}$	63.				
63. $\frac{1}{2}$	61. $\frac{1}{4}$	60. $\frac{1}{2}$	60. $\frac{1}{4}$	61.	62. $\frac{1}{2}$	65.	63.	63. $\frac{1}{2}$	63. $\frac{1}{4}$	65 Inches	
64.	61. $\frac{1}{2}$	61.	60. $\frac{1}{2}$	61 Inches.		62 Inches.		64.	63. $\frac{1}{2}$	Square.	
64. $\frac{1}{2}$	61. $\frac{3}{4}$	61. $\frac{1}{2}$	60. $\frac{3}{4}$					64. $\frac{1}{2}$	63. $\frac{3}{4}$		
65.	61. $\frac{3}{4}$	62.	61.					65.	64.		
59. $\frac{1}{2}$ Inch.		62. $\frac{1}{2}$	61. $\frac{1}{4}$	61. $\frac{1}{2}$	61. $\frac{1}{4}$	62. $\frac{1}{2}$	62. $\frac{1}{4}$	63. $\frac{1}{2}$ Inch.			
		63.	61. $\frac{1}{2}$	62.	61. $\frac{1}{2}$	63.	62. $\frac{1}{2}$				
		63. $\frac{1}{2}$	61. $\frac{3}{4}$	62. $\frac{1}{2}$	61. $\frac{3}{4}$	63. $\frac{1}{2}$	62. $\frac{3}{4}$				
		64.	62.	63.	62.	64.	63.	64. 163. $\frac{3}{4}$			

T A B L E

S H E W I N G

How many Feet of Plank of all Denominations
make a Load or Tun of Timber.

50 Feet a Load.

Inches thick.

4 Plank	150 Feet	} make a Load,	3	} which divided by, gives the Number of Feet.
3 ———	200 ———		4	
2. $\frac{1}{2}$ ———	240 ———		$4\frac{4}{5}$	
2 ———	300 ———		6	
1. $\frac{1}{2}$ ———	400 ———		8	
1 ———	600 ———		12	
$\frac{3}{4}$ ———	800 ———		16	

40 Feet a Tun.

4 Plank	120 Feet	} make a Tun,	3	} which divided by, gives the Number of Feet.
3 ———	160 ———		4	
2. $\frac{1}{2}$ ———	192 ———		$4\frac{4}{5}$	
2 ———	240 ———		6	
1. $\frac{1}{2}$ ———	320 ———		8	
1 ———	580 ———		12	
$\frac{3}{4}$ ———	640 ———		16	

E X A M P L E I.

In 7685 feet of 4 inch plank, how many loads and feet of timber?

150) 7685 (51 loads, 11 feet, $\frac{2}{3}$.

E X A M P L E II.

In 7685 feet of 3 inch plank, how many tun and feet of timber?

160) 7685 (48 tuns, 1 foot, $\frac{1}{4}$.

N. B. The remainder after the first part of division, is to be divided by the third column; the 7685 feet is to be divided by 160; the number of feet that makes a tun of 3 inch plank, and 5 will remain, which divided by 4, the figure even with it, gives 1 foot, $\frac{1}{4}$, so that the answer is 48 tuns, 1. $\frac{1}{4}$ foot, as above.

THE E X P L I C A T I O N A N D

Use of the TABLE of Board and Superficial Measure.

SUPPOSE a board be 10 feet long, and 10 inches broad; look for 10 in the first column, titled length in feet, and in the column titled 10 at the top, and at the angle of meeting is 8.33 feet, the content.

When the length consists of feet and inches, and the breadth in inches and parts, the even feet are to be taken out first from the table, and the odd inches from the tablet at the bottom.

E X A M P L E.

Suppose a board be 15 feet, 8 inches long, and $13\frac{1}{4}$ inches broad, how may feet?

15 feet long, and $13\frac{1}{4}$ inches broad, is 16.56 feet, then against 8 inches is 0.73.

16.56

.73

17.29 feet.

I have extended these tables to $50\frac{1}{2}$ inches, so that a door, window-shutters, &c. may be taken out at once, and with a little trouble the content of any common floor may be found.

E X A M P L E.

Suppose a floor 15 feet, 6 inches long, and 14 feet or 168 inches broad.

15 feet long, and 48 inches broad, is 60 feet, and against 6 inches long, and 48 broad, is 2 feet, which is the content at 4 feet broad, and three times repeated, gives the content at 12 feet broad, then against 6 inches long, and 24 broad, is 1 foot.

15 feet by 48 inches.	———	60
6 inches by 48	———	2

60

62

62

And against 15 feet long, and 2 feet or 24 inches broad, is	———	30
And against 6 inches long, and 24 broad, is	———	01

01

Sum 217 feet, the content.

The like of all others.

N. B. 32.5 inches is something more than the breadth of a board that can be cut out of a *stick* whose girt is 288 inches; or the side of whose square is 72 inches, *common* or *customary* measure; for when the *stick* is brought to a proof edge, the side of the square is no more than the side of the square inscribed, which is 64.822552 inches, the half of which is the side of a quartered piece, which is 32.411276 inches; but I continued the breadth for the before-mentioned uses.

I know an ingenious *carpenter*, that, when he meets with a fine oak, which he intends for flooring, &c. will very often after quartering *saw* it the *aris* way, which adds greatly to the beauty of the grain, and shews itself preferable to that of Norway, &c. Although this is attended with some loss in cutting up, yet that is much over-balled by the value of the planks, boards, &c.

A T A B L E

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	$\frac{1}{4}$.	$\frac{1}{2}$.	$\frac{3}{4}$.	1.	$1\frac{1}{4}$.	$1\frac{1}{2}$.	$1\frac{3}{4}$.	2.	$2\frac{1}{4}$.	$2\frac{1}{2}$.	$2\frac{3}{4}$.	3.	$3\frac{1}{4}$.
1	0.02	0.04	0.06	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.23	0.25	0.27
2	0.04	0.08	0.12	0.17	0.21	0.25	0.29	0.33	0.37	0.42	0.46	0.50	0.54
3	0.06	0.12	0.19	0.25	0.31	0.37	0.44	0.50	0.56	0.62	0.69	0.75	0.81
4	0.08	0.17	0.25	0.33	0.42	0.50	0.58	0.67	0.75	0.83	0.92	1.00	1.08
5	0.10	0.21	0.31	0.42	0.52	0.62	0.73	0.83	0.94	1.04	1.14	1.25	1.35
6	0.12	0.25	0.37	0.50	0.62	0.75	0.87	1.00	1.12	1.25	1.37	1.50	1.62
7	0.14	0.29	0.44	0.58	0.73	0.87	1.02	1.17	1.31	1.46	1.60	1.75	1.89
8	0.17	0.33	0.50	0.67	0.83	1.00	1.17	1.33	1.50	1.67	1.83	2.00	2.17
9	0.19	0.37	0.56	0.75	0.94	1.12	1.31	1.50	1.69	1.87	2.06	2.25	2.44
10	0.21	0.42	0.62	0.83	1.04	1.25	1.46	1.67	1.87	2.08	2.29	2.50	2.71
11	0.23	0.46	0.69	0.92	1.14	1.37	1.60	1.83	2.06	2.29	2.52	2.75	2.97
12	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25
13	0.27	0.54	0.81	1.08	1.35	1.62	1.86	2.17	2.44	2.71	2.98	3.25	3.52
14	0.29	0.58	0.87	1.17	1.46	1.75	2.04	2.33	2.62	2.91	3.21	3.50	3.79
15	0.31	0.62	0.94	1.25	1.56	1.87	2.19	2.50	2.81	3.12	3.44	3.75	4.06
16	0.33	0.67	1.00	1.33	1.67	2.00	2.33	2.67	3.00	3.33	3.67	4.00	4.33
17	0.35	0.71	1.06	1.42	1.77	2.12	2.48	2.83	3.19	3.54	3.89	4.25	4.60
18	0.37	0.75	1.12	1.50	1.87	2.25	2.62	3.00	3.37	3.75	4.12	4.50	4.87
19	0.39	0.79	1.19	1.58	1.98	2.37	2.77	3.17	3.56	3.96	4.35	4.75	5.14
20	0.42	0.83	1.25	1.67	2.08	2.50	2.92	3.33	3.75	4.17	4.58	5.00	5.42
21	0.44	0.87	1.31	1.75	2.19	2.62	3.06	3.50	3.94	4.37	4.81	5.25	5.69
22	0.45	0.92	1.37	1.83	2.29	2.75	3.21	3.67	4.12	4.58	5.04	5.50	5.96
23	0.47	0.96	1.44	1.92	2.39	2.87	3.35	3.83	4.31	4.79	5.27	5.75	6.23
24	0.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
25	0.52	1.04	1.56	2.08	2.60	3.12	3.64	4.17	4.69	5.21	5.73	6.25	6.77
26	0.54	1.08	1.62	2.17	2.71	3.25	3.79	4.33	4.87	5.42	5.96	6.50	7.04
27	0.56	1.12	1.69	2.25	2.81	3.37	3.94	4.50	5.06	5.62	6.19	6.75	7.31
28	0.58	1.17	1.75	2.33	2.92	3.50	4.08	4.67	5.25	5.83	6.42	7.00	7.58
29	0.60	1.21	1.81	2.42	3.02	3.62	4.23	4.83	5.44	6.04	6.64	7.25	7.85
30	0.63	1.25	1.87	2.50	3.13	3.75	4.37	5.00	5.62	6.25	6.87	7.50	8.12
Inches.													
1	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
2	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04
3	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.04	0.05	0.06	0.06	0.07
4	0.00	0.01	0.02	0.03	0.02	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09
5	0.01	0.02	0.03	0.03	0.03	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11
6	0.01	0.02	0.03	0.04	0.04	0.06	0.08	0.08	0.09	0.10	0.11	0.12	0.13
7	0.01	0.02	0.03	0.05	0.05	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.15
8	0.01	0.02	0.04	0.05	0.06	0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.18
9	0.01	0.03	0.04	0.06	0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20
10	0.01	0.03	0.05	0.06	0.08	0.10	0.13	0.14	0.15	0.17	0.19	0.20	0.22
11	0.01	0.03	0.05	0.07	0.08	0.11	0.14	0.15	0.17	0.19	0.21	0.22	0.25

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	$3\frac{1}{2}$	$3\frac{3}{4}$	4.	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{3}{4}$	5.	$5\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{3}{4}$	6.	$6\frac{1}{4}$
1	0.29	0.31	0.33	0.35	0.37	0.39	0.42	0.43	0.46	0.48	0.50	0.52
2	0.58	0.62	0.67	0.71	0.75	0.79	0.83	0.87	0.92	0.96	1.00	1.04
3	0.87	0.94	1.00	1.06	1.12	1.19	1.25	1.31	1.37	1.44	1.50	1.56
4	1.17	1.25	1.33	1.42	1.50	1.58	1.67	1.75	1.83	1.92	2.00	2.08
5	1.46	1.56	1.67	1.77	1.87	1.97	2.08	2.19	2.29	2.39	2.50	2.60
6	1.75	1.87	2.00	2.12	2.25	2.37	2.50	2.62	2.75	2.87	3.00	3.12
7	2.04	2.19	2.33	2.48	2.62	2.77	2.91	3.06	3.21	3.35	3.50	3.64
8	2.33	2.50	2.67	2.83	3.00	3.17	3.33	3.50	3.67	3.83	4.00	4.17
9	2.62	2.81	3.00	3.19	3.3	3.56	3.75	3.94	4.12	4.31	4.50	4.69
10	2.92	3.12	3.33	3.54	3.75	3.96	4.17	4.37	4.58	4.79	5.00	5.21
11	3.21	3.44	3.67	3.89	4.12	4.35	4.58	4.81	5.04	5.27	5.50	5.73
12	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25
13	3.79	4.06	4.33	4.60	4.87	5.14	5.42	5.69	5.96	6.23	6.50	6.77
14	4.08	4.37	4.67	4.96	5.25	5.54	5.83	6.12	6.42	6.71	7.00	7.29
15	4.37	4.69	5.00	5.31	5.62	5.94	6.25	6.56	6.87	7.19	7.50	7.81
16	4.67	5.00	5.33	5.67	6.00	6.33	6.67	7.00	7.33	7.67	8.00	8.33
17	4.96	5.31	5.67	6.02	6.37	6.73	7.08	7.44	7.79	8.14	8.50	8.85
18	5.25	5.62	6.00	6.37	6.75	7.12	7.50	7.87	8.25	8.62	9.00	9.37
19	5.54	5.94	6.33	6.73	7.12	7.52	7.91	8.31	8.71	9.10	9.50	9.89
20	5.83	6.25	6.67	7.08	7.50	7.92	8.33	8.75	9.17	9.58	10.00	10.42
21	6.12	6.56	7.00	7.44	7.87	8.31	8.75	9.19	9.62	10.06	10.50	10.94
22	6.42	6.87	7.33	7.79	8.25	8.71	9.17	9.62	10.08	10.54	11.00	11.46
23	6.71	7.19	7.67	8.14	8.62	9.10	9.58	10.06	10.54	11.02	11.50	11.98
24	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
25	7.29	7.81	8.33	8.85	9.37	9.89	10.42	10.94	11.46	11.98	12.50	13.02
26	7.58	8.12	8.67	9.21	9.75	10.29	10.83	11.37	11.92	12.46	13.00	13.54
27	7.87	8.44	9.00	9.56	10.12	10.69	11.25	11.81	12.37	12.94	13.50	14.00
28	8.17	8.75	9.33	9.92	10.50	11.00	11.67	12.25	12.83	13.42	14.00	14.58
29	8.46	9.06	9.67	10.27	10.87	11.48	12.08	12.69	13.29	13.89	14.50	15.10
30	8.75	9.37	10.00	10.62	11.25	11.87	12.50	13.12	13.75	14.37	15.00	15.62
Inches.												
1	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
2	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08
3	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14
4	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.17
5	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22
6	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26
7	0.17	0.18	0.19	0.20	0.22	0.23	2.24	0.25	0.26	0.28	0.29	0.30
8	0.19	0.21	0.22	0.23	0.25	0.26	0.28	0.29	0.30	0.32	6.33	0.35
9	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.33	0.34	0.36	0.37	0.39
10	0.24	0.25	0.28	0.29	0.31	0.33	0.35	0.36	0.38	0.40	0.42	0.43
11	0.27	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.46	0.48

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	$6\frac{1}{2}$	$6\frac{3}{4}$	7.	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8.	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{3}{4}$	9.
1	0.54	0.56	0.58	0.60	0.62	0.64	0.67	0.69	0.71	0.73	0.75
2	1.08	1.12	1.17	1.20	1.25	1.29	1.33	1.37	1.41	1.46	1.51
3	1.62	1.69	1.75	1.81	1.87	1.94	2.00	2.07	2.12	2.19	2.25
4	2.17	2.25	2.33	2.42	2.50	2.58	2.67	2.75	2.83	2.92	3.00
5	2.71	2.81	2.92	3.02	3.12	3.23	3.33	3.44	3.54	3.64	3.75
6	3.25	3.37	3.50	3.62	3.75	3.87	4.00	4.12	4.25	4.37	4.50
7	3.79	3.94	4.08	4.23	4.37	4.52	4.67	4.81	4.96	5.10	5.25
8	4.33	4.50	4.67	4.83	5.00	5.17	5.33	5.50	5.67	5.83	6.00
9	4.87	5.06	5.25	5.44	5.62	5.81	6.00	6.19	6.37	6.56	6.75
10	5.42	5.62	5.83	6.04	6.25	6.46	6.67	6.87	7.08	7.29	7.50
11	5.96	6.19	6.42	6.64	6.87	7.10	7.33	7.56	7.79	8.02	8.25
12	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
13	7.04	7.31	7.58	7.85	8.12	8.39	8.66	8.94	9.21	9.48	9.75
14	7.58	7.87	8.17	8.46	8.75	9.04	9.33	9.62	9.91	10.21	10.50
15	8.12	8.44	8.75	9.06	9.37	9.69	10.00	10.31	10.62	10.94	11.25
16	8.67	9.00	9.33	9.67	10.00	10.33	10.67	11.00	11.33	11.67	12.00
17	9.21	9.56	9.92	10.27	10.62	10.98	11.33	11.69	12.04	12.39	12.75
18	9.75	10.12	10.50	10.87	11.25	11.62	12.00	12.37	12.75	13.12	13.50
19	10.29	10.69	11.08	11.48	11.87	12.27	12.67	13.06	13.46	13.85	14.25
20	10.83	11.25	11.67	12.08	12.50	12.92	13.33	13.75	14.17	14.58	15.00
21	11.37	11.81	12.25	12.69	13.12	13.56	14.00	14.44	14.87	15.31	15.75
22	11.92	12.37	12.83	13.29	13.75	14.21	14.67	15.12	15.58	16.04	16.50
23	12.46	12.94	13.42	13.89	14.37	14.85	15.33	15.81	16.29	16.77	17.25
24	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00	17.50	18.00
25	13.54	14.06	14.58	15.10	15.62	16.14	16.67	17.19	17.71	18.23	18.75
26	14.08	14.62	15.17	15.71	16.25	16.79	17.33	17.87	18.42	18.96	19.50
27	14.62	15.19	15.75	16.33	16.87	17.44	18.00	18.56	19.12	19.69	20.25
28	15.17	15.75	16.33	16.92	17.50	18.08	18.67	19.25	19.83	20.42	21.00
29	15.71	16.31	16.92	17.50	18.12	18.73	19.33	19.94	20.54	21.14	21.75
30	16.25	16.87	17.50	18.12	18.75	19.77	20.00	20.62	21.25	21.87	22.50
Inches.											
1	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
2	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.12
3	0.13	0.14	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	0.19
4	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.23	0.24	0.24	0.25
5	0.22	0.23	0.24	0.25	0.26	0.26	0.28	0.29	0.29	0.30	0.31
6	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37
7	0.31	0.33	0.34	0.35	0.36	0.37	0.39	0.40	0.41	0.43	0.44
8	0.36	0.37	0.39	0.40	0.41	0.42	0.44	0.46	0.47	0.49	0.50
9	0.40	0.42	0.44	0.45	0.46	0.48	0.50	0.52	0.53	0.55	0.56
10	0.45	0.47	0.48	0.50	0.52	0.53	0.56	0.57	0.59	0.61	0.62
11	0.49	0.51	0.53	0.55	0.57	0.58	0.61	0.63	0.65	0.67	0.69

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{3}{4}$	10.	$10\frac{1}{4}$	$10\frac{1}{2}$	$10\frac{3}{4}$	11.	$11\frac{1}{4}$	$11\frac{1}{2}$	$11\frac{3}{4}$
1	0.77	0.79	0.81	0.83	0.85	0.87	0.89	0.92	0.94	0.96	0.98
2	1.54	1.58	1.62	1.67	1.71	1.75	1.79	1.83	1.87	1.92	1.96
3	2.31	2.37	2.44	2.50	2.56	2.62	2.99	2.75	2.81	2.87	2.94
4	3.08	3.17	3.25	3.33	3.42	3.50	3.58	3.67	3.75	3.83	3.91
5	3.85	3.96	4.06	4.17	4.27	4.37	4.48	4.68	4.69	4.79	4.89
6	4.62	4.75	4.87	5.00	5.12	5.25	5.37	5.50	5.62	5.75	5.87
7	5.39	5.54	5.69	5.83	5.98	6.12	6.27	6.41	6.56	6.71	6.84
8	6.17	6.33	6.50	6.67	6.83	7.00	7.17	7.33	7.50	7.67	7.83
9	6.94	7.12	7.31	7.50	7.69	7.87	8.06	8.25	8.44	8.62	8.81
10	7.71	7.92	8.12	8.33	8.54	8.75	8.96	9.17	9.37	9.58	9.79
11	8.48	8.71	8.94	9.17	9.39	9.62	9.85	10.18	10.31	10.56	10.77
12	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75
13	10.02	10.29	10.56	10.83	11.10	11.37	11.64	11.92	12.19	12.46	12.73
14	10.79	11.08	11.37	11.67	11.96	12.25	12.54	12.83	13.12	13.42	13.71
15	11.56	11.87	12.19	12.50	12.81	13.12	13.44	13.75	14.06	14.37	14.69
16	12.33	12.67	13.00	13.33	13.67	14.00	14.33	14.67	15.00	15.33	15.67
17	13.10	13.46	13.81	14.17	14.52	14.87	15.23	15.64	15.94	16.29	16.64
18	13.87	14.25	14.62	15.00	15.37	15.75	16.12	16.50	16.87	17.25	17.62
19	14.64	15.04	15.41	15.83	16.13	16.62	17.02	17.42	17.81	18.21	18.60
20	15.42	15.83	16.25	16.67	17.08	17.50	17.91	18.33	18.75	19.17	19.58
21	16.19	16.62	17.00	17.50	17.94	18.37	18.81	19.25	19.69	20.12	20.56
22	16.96	17.42	17.81	18.33	18.79	19.25	19.71	20.17	20.62	21.08	21.54
23	17.73	18.21	18.62	19.17	19.64	20.12	20.60	21.18	21.56	22.04	22.52
24	18.50	19.00	19.43	20.00	20.50	21.00	21.50	22.00	22.50	23.00	23.50
25	19.27	19.79	20.24	20.83	21.35	21.87	22.39	22.92	23.44	23.96	24.48
26	20.04	20.58	21.05	21.67	22.21	22.75	23.29	23.83	24.37	24.92	25.46
27	20.81	21.37	21.86	22.50	23.06	23.62	24.19	24.75	25.31	25.87	26.44
28	21.58	22.17	22.67	23.33	23.92	24.50	25.08	25.67	26.25	26.83	27.42
29	22.35	22.96	23.48	24.17	24.77	25.37	25.98	26.68	27.19	27.79	28.39
30	23.12	23.75	24.29	25.00	25.62	26.25	26.87	27.50	28.12	28.75	29.37
Inches.											
1	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08
2	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.16	0.16	0.16
3	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24
4	0.26	0.26	0.27	0.28	0.28	0.29	0.30	0.31	0.31	0.32	0.33
5	0.32	0.33	0.34	0.35	0.35	0.36	0.37	0.38	0.39	0.40	0.41
6	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.46	0.47	0.48	0.49
7	0.45	0.46	0.47	0.48	0.49	0.51	0.52	0.54	0.55	0.56	0.57
8	0.51	0.52	0.54	0.55	0.56	0.58	0.59	0.61	0.62	0.64	0.65
9	0.58	0.59	0.61	0.62	0.64	0.65	0.67	0.69	0.70	0.72	0.73
10	0.64	0.66	0.67	0.69	0.71	0.72	0.74	0.77	0.78	0.80	0.82
11	0.70	0.72	0.74	0.76	0.78	0.80	0.82	0.84	0.86	0.88	0.90

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	12.	12. $\frac{1}{4}$	12. $\frac{1}{2}$	12. $\frac{3}{4}$	13.	13. $\frac{1}{4}$	13. $\frac{1}{2}$	13. $\frac{3}{4}$	14.	14. $\frac{1}{4}$	14. $\frac{1}{2}$
1	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21
2	2.00	2.04	2.08	2.12	2.17	2.21	2.25	2.29	2.33	2.37	2.42
3	3.00	3.06	3.12	3.19	3.25	3.31	3.37	3.44	3.50	3.56	3.62
4	4.00	4.08	4.17	4.25	4.33	4.42	4.50	4.58	4.67	4.75	4.83
5	5.00	5.10	5.21	5.31	5.42	5.52	5.62	5.73	5.83	5.94	6.04
6	6.00	6.12	6.25	6.37	6.50	6.62	6.75	6.87	7.00	7.12	7.25
7	7.00	7.14	7.29	7.44	7.58	7.73	7.87	8.02	8.17	8.31	8.46
8	8.00	8.17	8.33	8.50	8.67	8.83	9.00	9.17	9.33	9.50	9.67
9	9.00	9.19	9.37	9.56	9.75	9.94	10.12	10.31	10.50	10.69	10.87
10	10.00	10.21	10.42	10.62	10.83	11.04	11.25	11.46	11.67	11.87	12.08
11	11.00	11.23	11.46	11.69	11.92	12.14	12.37	12.60	12.83	13.06	13.29
12	12.00	12.25	12.50	12.75	13.00	13.25	13.50	13.75	14.00	14.25	14.50
13	13.00	13.27	13.54	13.81	14.08	14.35	14.62	14.89	15.17	15.44	15.71
14	14.00	14.29	14.58	14.87	15.17	15.46	15.75	16.04	16.33	16.62	16.92
15	15.00	15.31	15.62	15.94	16.25	16.56	16.87	17.19	17.50	17.81	18.12
16	16.00	16.33	16.67	17.00	17.33	17.67	18.00	18.33	18.67	19.00	19.33
17	17.00	17.35	17.71	18.06	18.42	18.77	19.12	19.48	19.83	20.19	20.54
18	18.00	18.37	18.75	19.12	19.50	19.87	20.25	20.62	21.00	21.37	21.75
19	19.00	19.39	19.79	20.19	20.58	20.98	21.37	21.77	22.17	22.56	22.96
20	20.00	20.42	20.83	21.25	21.67	22.08	22.50	22.92	23.33	23.75	24.17
21	21.00	21.44	21.87	22.31	22.75	23.19	23.62	24.06	24.50	24.94	25.37
22	22.00	22.46	22.92	23.37	23.83	24.29	24.75	25.21	25.67	26.12	26.58
23	23.00	23.48	23.96	24.44	24.92	25.39	25.87	26.35	26.83	27.31	27.79
24	24.00	24.50	25.00	25.50	26.00	26.50	27.00	27.50	28.00	28.50	29.00
25	25.00	25.52	26.04	26.56	27.08	27.60	28.12	28.64	29.17	29.69	30.21
26	26.00	26.54	27.08	27.62	28.17	28.71	29.25	29.79	30.33	30.87	31.42
27	27.00	27.56	28.12	28.69	29.25	29.81	30.37	30.94	31.50	32.06	32.62
28	28.00	28.58	29.17	29.75	30.33	30.92	31.50	32.08	32.67	33.25	33.83
29	29.00	29.60	30.21	30.81	31.42	32.02	32.62	33.23	33.83	34.44	35.04
30	30.00	30.62	31.25	31.87	32.50	33.12	33.75	34.37	35.00	35.62	36.25
Inches.											
1	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10
2	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20
3	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.30	0.30
4	0.33	0.34	0.35	0.35	0.36	0.37	0.37	0.38	0.39	0.40	0.40
5	0.42	0.42	0.43	0.44	0.45	0.46	0.47	0.47	0.48	0.50	0.50
6	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.60	0.60
7	0.58	0.59	0.61	0.62	0.63	0.64	0.65	0.66	0.68	0.70	0.70
8	0.67	0.68	0.69	0.70	0.72	0.73	0.75	0.76	0.77	0.80	0.81
9	0.75	0.76	0.78	0.79	0.81	0.82	0.84	0.85	0.87	0.90	0.91
10	0.83	0.85	0.87	0.88	0.90	0.92	0.93	0.95	0.97	0.99	1.00
11	0.91	0.93	0.95	0.97	0.99	1.01	1.02	1.04	1.06	1.09	1.11

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	14. $\frac{3}{4}$	15.	15. $\frac{1}{4}$	15. $\frac{1}{2}$	15. $\frac{3}{4}$	16.	16. $\frac{1}{4}$	16. $\frac{1}{2}$	16. $\frac{3}{4}$	17.	17. $\frac{1}{4}$
1	1.23	1.25	1.27	1.29	1.31	1.33	1.35	1.37	1.39	1.42	1.44
2	2.46	2.50	2.54	2.58	2.62	2.67	2.71	2.75	2.79	2.83	2.87
3	3.69	3.75	3.81	3.87	3.94	4.00	4.06	4.12	4.19	4.25	4.31
4	4.92	5.00	5.08	5.17	5.25	5.33	5.42	5.50	5.58	5.67	5.75
5	6.14	6.25	6.35	6.46	6.56	6.67	6.77	6.87	6.98	7.08	7.19
6	7.37	7.50	7.62	7.75	7.87	8.00	8.25	8.25	8.37	8.50	8.62
7	8.60	8.75	8.89	9.04	9.19	9.33	9.41	9.62	9.77	9.92	10.06
8	9.83	10.00	10.17	10.33	10.50	10.67	10.83	11.00	11.17	11.33	11.50
9	11.06	11.25	11.44	11.62	11.81	12.00	12.19	12.37	12.56	12.75	12.94
10	12.29	12.50	12.71	12.92	13.12	13.33	13.54	13.75	13.96	14.17	14.37
11	13.52	13.75	13.98	14.21	14.44	14.67	14.89	15.12	15.35	15.58	15.81
12	14.75	15.00	15.25	15.50	15.75	16.00	16.25	16.50	16.75	17.50	17.25
13	15.98	16.25	16.52	16.79	17.06	17.33	17.60	17.87	18.14	18.42	18.69
14	17.21	17.50	17.79	18.08	18.37	18.67	18.96	19.25	19.54	19.83	20.12
15	18.44	18.75	19.06	19.37	19.69	20.00	20.31	20.62	20.94	21.25	21.56
16	19.67	20.00	20.33	20.67	21.00	21.33	21.67	22.00	22.33	22.67	23.00
17	20.89	21.25	21.60	21.96	22.31	22.67	23.03	23.37	23.73	24.08	24.44
18	22.12	22.50	22.87	23.25	23.62	24.00	24.37	24.75	25.12	25.50	25.87
19	23.35	23.75	24.14	24.54	24.94	25.33	25.73	26.12	26.52	26.92	27.31
20	24.58	25.00	25.42	25.83	26.25	26.67	27.08	27.50	27.92	28.33	28.75
21	25.81	26.25	26.69	27.12	27.56	28.00	28.44	28.87	29.31	29.75	30.18
22	27.04	27.50	27.96	28.42	28.87	29.33	29.79	30.25	30.71	31.17	31.62
23	28.27	28.75	29.23	29.71	30.19	30.67	31.14	31.62	32.10	32.58	33.06
24	29.56	30.00	30.50	31.00	31.50	32.00	32.50	33.00	33.50	34.00	34.50
25	30.73	31.25	31.77	32.29	32.81	33.33	33.85	34.37	34.86	35.42	35.94
26	31.96	32.50	33.04	33.58	34.12	34.67	35.21	35.75	36.29	36.83	37.37
27	33.19	33.75	34.31	34.87	35.44	36.00	36.56	37.12	37.69	38.25	39.81
28	34.42	35.00	35.58	36.17	36.75	37.33	37.92	38.50	39.08	39.67	40.25
29	35.64	36.25	36.85	37.46	38.06	38.67	39.27	39.87	40.48	41.08	41.69
30	36.87	37.50	38.12	38.75	39.37	40.00	40.62	41.25	41.87	42.50	43.12
Inches.											
1	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12
2	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.24
3	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36
4	0.41	0.42	0.42	0.43	0.44	0.44	0.45	0.46	0.46	0.47	0.48
5	0.51	0.52	0.53	0.54	0.55	0.55	0.56	0.57	0.58	0.59	0.60
6	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.71	0.72
7	0.72	0.73	0.74	0.75	0.76	0.78	0.79	0.80	0.81	0.83	0.84
8	0.82	0.83	0.84	0.86	0.87	0.89	0.90	0.91	0.92	0.95	0.96
9	0.92	0.94	0.95	0.97	0.98	1.00	1.01	1.03	1.04	1.06	1.08
10	1.02	1.04	1.05	1.07	1.09	1.11	1.12	1.14	1.16	1.18	1.20
11	1.13	1.15	1.16	1.18	1.20	1.22	1.24	1.25	1.27	1.30	1.32

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	17. $\frac{1}{2}$	17. $\frac{3}{4}$	18.	18. $\frac{1}{4}$	18. $\frac{1}{2}$	18. $\frac{3}{4}$	19.	19. $\frac{1}{4}$	19. $\frac{1}{2}$	19. $\frac{3}{4}$	20.
1	1.46	1.48	1.50	1.52	1.54	1.56	1.58	1.60	1.62	1.64	1.67
2	2.92	2.96	3.00	3.04	3.08	3.12	3.17	3.21	3.25	3.29	3.33
3	4.37	4.44	4.50	4.56	4.62	4.69	4.75	4.81	4.87	4.94	5.00
4	5.83	5.92	6.00	6.08	6.17	6.25	6.33	6.42	6.50	6.58	6.67
5	7.29	7.39	7.50	7.60	7.71	7.81	7.92	8.02	8.12	8.23	8.33
6	8.75	8.87	9.00	9.12	9.25	9.37	9.50	9.62	9.75	9.87	10.00
7	10.21	10.35	10.50	10.64	10.79	10.94	11.08	11.23	11.37	11.52	11.67
8	11.67	11.83	12.00	12.17	12.33	12.50	12.67	12.83	13.00	13.17	13.33
9	13.12	13.31	13.50	13.69	13.87	14.06	14.25	14.44	14.62	14.81	15.00
10	14.58	14.79	15.00	15.21	15.42	15.62	15.83	16.04	16.25	16.46	16.67
11	16.04	16.27	16.50	16.73	16.96	17.19	17.42	17.64	17.87	18.10	18.33
12	17.50	17.75	18.00	18.25	18.50	18.75	19.00	19.25	19.50	19.75	20.00
13	18.96	19.23	19.50	19.77	20.04	20.31	20.58	20.85	21.12	21.39	21.67
14	20.42	20.71	21.00	21.29	21.58	21.87	22.17	22.46	22.75	23.04	23.33
15	21.87	22.19	22.50	22.81	23.12	23.44	23.75	24.06	24.37	24.69	25.00
16	23.33	23.67	24.00	24.33	24.67	25.00	25.33	25.67	26.00	26.33	26.67
17	24.79	25.14	25.50	25.85	26.21	26.56	26.92	27.27	27.62	27.98	28.33
18	26.25	26.62	27.00	27.37	27.75	28.12	28.50	28.87	29.25	29.62	30.00
19	27.71	28.10	28.50	28.89	29.29	29.69	30.08	30.48	30.87	31.27	31.67
20	29.17	29.58	30.00	30.42	30.83	31.25	31.67	32.08	32.50	32.92	33.33
21	30.62	31.06	31.50	31.94	32.37	32.81	33.25	33.69	34.12	34.56	35.00
22	32.08	32.54	33.00	33.46	33.92	34.37	34.83	35.29	35.75	36.21	36.67
23	33.54	34.02	34.50	34.98	35.46	35.94	36.42	36.89	37.37	37.85	38.33
24	35.00	35.50	36.00	36.50	37.00	37.50	38.00	38.50	39.00	39.50	40.00
25	36.46	36.98	37.50	38.02	38.54	39.06	39.58	40.10	40.62	41.14	41.67
26	37.92	38.46	39.00	39.54	40.08	40.62	41.17	41.71	42.25	42.79	43.33
27	39.37	39.94	40.50	41.06	41.62	42.19	42.75	43.31	43.87	44.44	45.00
28	40.83	41.42	42.00	43.58	43.17	43.75	44.33	44.92	45.50	46.08	46.67
29	42.29	42.89	43.50	44.10	44.71	45.31	45.92	46.52	47.12	47.73	48.33
30	43.75	44.37	45.00	45.62	46.25	46.87	47.50	48.12	48.75	49.37	50.00
Inches.											
1	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14
2	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.28
3	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.42
4	0.49	0.49	0.50	0.51	0.55	0.52	0.53	0.53	0.54	0.55	0.55
5	0.61	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.67	0.68	0.69
6	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83
7	0.85	0.86	0.87	0.89	0.90	0.91	0.92	0.93	0.94	0.96	0.97
8	0.97	0.98	1.00	1.01	1.02	1.04	1.05	1.06	1.08	1.09	1.11
9	.09	1.11	1.12	1.14	1.15	1.17	1.18	1.20	1.21	1.23	1.25
10	1.22	1.23	1.25	1.27	1.28	1.30	1.32	1.33	1.35	1.37	1.39
11	1.34	1.36	1.37	1.39	1.41	1.43	1.45	1.47	1.48	1.50	1.53

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	20. $\frac{1}{4}$	20. $\frac{1}{2}$	20. $\frac{3}{4}$	21.	21. $\frac{1}{4}$	21. $\frac{1}{2}$	21. $\frac{3}{4}$	22.	22. $\frac{1}{4}$	22. $\frac{1}{2}$	22. $\frac{3}{4}$
1	1.69	1.71	1.73	1.75	1.77	1.79	1.81	1.83	1.85	1.87	1.89
2	3.37	3.42	3.46	3.50	3.54	3.58	3.62	3.67	3.71	3.75	3.79
3	5.06	5.12	5.19	5.25	5.31	5.37	5.44	5.50	5.56	5.62	5.69
4	6.75	6.83	6.92	7.00	7.08	7.17	7.25	7.33	7.42	7.50	7.58
5	8.44	8.54	8.64	8.75	8.85	8.96	9.06	9.17	9.27	9.37	9.48
6	10.12	10.25	10.37	10.50	10.62	10.75	10.87	11.00	11.12	11.25	11.37
7	11.81	11.96	12.10	12.25	12.39	12.54	12.69	12.83	12.98	13.12	13.27
8	13.50	13.67	13.83	14.00	14.17	14.33	14.50	14.67	14.83	15.00	15.17
9	15.19	15.37	15.56	15.75	15.94	16.12	16.31	16.50	16.69	16.87	17.06
10	16.87	17.08	17.29	17.50	17.71	17.92	18.12	18.33	18.54	18.75	18.96
11	18.56	18.79	19.02	19.25	19.48	19.71	19.94	20.17	20.39	20.62	20.85
12	20.25	20.50	20.75	21.00	21.25	21.50	21.75	22.00	22.25	22.50	22.75
13	21.94	22.21	22.48	22.75	23.02	23.29	23.56	23.83	23.10	24.37	24.64
14	23.62	23.92	24.21	24.50	24.79	25.08	25.37	25.67	25.96	26.25	26.54
15	25.31	25.62	25.94	26.25	26.56	26.87	27.19	27.50	27.81	28.12	28.44
16	27.00	27.33	27.67	28.00	28.33	28.67	29.00	29.33	29.67	30.00	30.33
17	28.69	29.04	29.39	29.75	30.10	30.46	30.81	31.17	31.52	31.87	32.23
18	30.37	30.75	31.12	31.50	31.87	32.25	32.62	33.00	33.37	33.75	34.12
19	32.06	32.46	32.85	33.25	33.94	34.04	34.44	34.83	34.23	34.62	36.02
20	33.75	34.17	34.58	35.00	35.42	35.83	36.25	36.67	36.08	37.50	37.92
21	35.44	35.87	36.31	36.75	37.19	37.61	38.06	38.50	38.94	39.37	39.81
22	37.12	37.58	38.04	38.50	38.96	39.42	39.87	40.33	40.79	41.25	41.71
23	38.81	39.29	39.77	40.25	40.73	41.21	41.69	42.67	42.64	43.12	43.60
24	41.50	41.00	41.50	42.00	42.50	43.00	43.50	44.00	44.50	45.00	45.50
25	42.19	42.71	43.23	43.75	44.27	44.79	45.31	45.83	45.35	46.87	47.39
26	43.87	44.42	44.96	45.50	46.04	46.58	47.12	47.17	47.21	48.75	49.29
27	45.56	46.12	46.69	47.25	47.81	48.37	48.93	49.50	49.06	50.62	51.19
28	47.25	47.83	48.42	49.00	49.58	50.17	50.75	51.33	51.92	52.50	53.08
29	48.94	49.54	49.14	50.75	51.35	51.96	52.56	53.17	53.77	54.37	54.98
30	50.62	51.25	51.87	52.50	53.12	53.75	54.37	55.00	55.62	56.25	56.87
Inches.											
1	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16
2	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31	0.31	0.31
3	0.42	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47
4	0.56	0.57	0.58	0.58	0.59	0.60	0.60	0.61	0.62	0.62	0.63
5	0.70	0.71	0.72	0.73	0.74	0.74	0.75	0.76	0.77	0.78	0.79
6	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94
7	0.98	1.00	1.01	1.02	1.03	1.04	1.05	1.07	1.08	1.09	1.10
8	1.13	1.14	1.15	1.16	1.18	1.19	1.20	1.22	1.23	1.24	1.26
9	1.27	1.28	1.30	1.31	1.33	1.34	1.36	1.37	1.39	1.40	1.42
10	1.41	1.42	1.44	1.45	1.47	1.49	1.51	1.52	1.54	1.56	1.57
11	1.55	1.57	1.59	1.60	1.62	1.64	1.66	1.68	1.69	1.71	1.73

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	23.	23. $\frac{1}{4}$	23. $\frac{1}{2}$	23. $\frac{3}{4}$	24.	24. $\frac{1}{4}$	24. $\frac{1}{2}$	24. $\frac{3}{4}$	25.	25. $\frac{1}{4}$	25. $\frac{1}{2}$
1	1.92	1.94	1.96	1.98	2.00	2.02	2.04	2.06	2.08	2.10	2.12
2	3.83	3.87	3.92	3.96	4.00	4.04	4.08	4.12	4.17	4.21	4.25
3	5.75	5.81	5.87	5.94	6.00	6.06	6.12	6.19	6.25	6.31	6.37
4	7.67	7.75	7.83	7.91	8.00	8.08	8.17	8.25	8.33	8.42	8.50
5	9.68	9.69	9.79	9.89	10.00	10.10	10.21	10.32	10.42	10.52	10.62
6	11.50	11.62	11.75	11.87	12.00	12.12	12.25	12.37	12.50	12.62	12.75
7	13.42	13.56	13.71	13.84	14.00	14.14	14.29	14.44	14.58	14.73	14.87
8	15.33	15.50	15.67	15.83	16.00	16.17	16.33	16.50	16.67	16.83	17.00
9	17.25	17.44	17.62	17.81	18.00	18.19	18.37	18.56	18.75	18.94	19.12
10	19.17	19.37	19.58	19.79	20.00	20.21	20.42	20.62	20.83	21.04	21.25
11	21.18	21.31	21.54	21.77	22.00	22.23	22.46	22.69	22.92	23.15	23.37
12	23.00	23.25	23.50	23.75	24.00	24.25	24.50	24.75	25.00	25.25	25.50
13	24.92	25.19	25.46	25.73	26.00	26.27	26.54	26.81	27.08	27.35	27.62
14	26.83	27.12	27.42	27.71	28.00	28.29	28.58	28.87	29.17	29.44	29.75
15	28.75	29.06	29.37	29.69	30.00	30.31	30.62	30.94	31.25	31.56	31.87
16	30.67	31.00	31.33	31.67	32.00	32.33	32.67	33.00	33.33	33.67	34.00
17	32.68	32.94	33.29	33.64	34.00	34.35	34.71	35.06	35.42	35.77	36.12
18	34.50	34.87	35.25	35.62	36.00	36.37	36.75	37.12	37.50	37.87	38.25
19	36.42	36.81	37.21	37.60	38.00	38.39	38.79	39.19	39.58	39.98	40.37
20	38.33	38.75	39.17	39.58	40.00	40.42	40.83	41.25	41.67	42.08	42.50
21	40.25	40.69	41.12	41.56	42.00	42.44	42.87	43.31	43.75	44.19	44.62
22	42.17	42.62	43.08	43.48	44.00	44.46	44.92	45.37	45.83	46.29	46.75
23	44.18	44.56	45.04	45.52	46.00	46.48	46.96	47.44	47.92	48.39	48.87
24	46.00	46.50	47.00	47.50	48.00	48.50	49.00	49.50	50.00	50.50	51.00
25	47.92	48.44	48.96	49.48	50.00	50.52	51.04	51.56	52.08	52.60	53.12
26	49.83	50.37	50.92	51.46	52.00	52.54	53.08	53.62	54.17	54.71	55.25
27	51.75	52.31	52.87	53.44	54.00	54.56	55.12	55.69	56.25	56.81	57.37
28	53.67	54.25	54.83	55.42	56.00	56.58	57.17	57.75	58.33	58.92	59.50
29	55.68	56.19	56.79	57.39	58.00	58.60	59.21	59.81	60.42	61.02	61.62
30	57.50	58.12	58.75	59.37	60.00	60.62	61.25	61.87	62.50	63.12	63.75
Inches.											
1	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18
2	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35
3	0.48	0.48	0.49	0.49	0.50	0.51	0.51	0.51	0.52	0.52	0.53
4	0.64	0.65	0.65	0.66	0.66	0.67	0.68	0.69	0.69	0.70	0.71
5	0.80	0.81	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.87	0.88
6	0.96	0.97	0.98	0.99	1.00	1.00	1.02	1.03	1.04	1.05	1.06
7	1.12	1.13	1.14	1.15	1.16	1.18	1.19	1.20	1.21	1.22	1.23
8	1.28	1.29	1.30	1.32	1.33	1.34	1.36	1.37	1.38	1.40	1.41
9	1.44	1.45	1.47	1.48	1.50	1.51	1.53	1.54	1.56	1.57	1.59
10	1.60	1.62	1.63	1.65	1.67	1.68	1.70	1.72	1.73	1.75	1.76
11	1.76	1.78	1.79	1.81	1.83	1.85	1.87	1.89	1.90	1.92	1.94

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	25. $\frac{3}{4}$	26.	26. $\frac{1}{4}$	26. $\frac{1}{2}$	26. $\frac{3}{4}$	27.	27. $\frac{1}{4}$	27. $\frac{1}{2}$	27. $\frac{3}{4}$	28.	28. $\frac{1}{4}$
1	2.14	2.17	2.19	2.21	2.23	2.25	2.27	2.29	2.31	2.33	2.35
2	4.29	4.33	4.37	4.42	4.46	4.50	4.54	4.58	4.62	4.67	4.71
3	6.44	6.50	6.56	6.62	6.69	6.75	6.81	6.87	6.94	7.00	7.06
4	8.58	8.67	8.75	8.83	8.92	9.00	9.08	9.17	9.25	9.33	9.42
5	10.73	10.83	10.94	11.04	11.14	11.25	11.35	11.45	11.56	11.67	11.77
6	12.87	13.00	13.12	13.25	13.37	13.50	13.92	13.75	13.87	14.00	14.12
7	15.02	15.17	15.31	15.46	15.60	15.75	15.89	16.04	16.19	16.33	16.48
8	17.17	17.33	17.50	17.67	17.83	18.00	18.17	18.33	18.50	18.67	18.83
9	19.31	19.50	19.69	19.87	20.06	20.25	20.44	20.62	20.81	21.00	21.19
10	21.46	21.67	21.87	22.08	22.29	22.50	22.71	22.92	23.12	23.33	23.54
11	23.60	23.83	24.06	24.29	24.52	24.75	24.98	25.21	25.44	25.67	25.89
12	25.75	26.00	26.25	26.50	26.75	27.00	27.25	27.50	27.75	28.00	28.25
13	27.89	28.17	28.44	28.71	28.98	29.25	29.52	29.79	30.06	30.33	30.60
14	30.04	30.33	30.62	30.92	31.21	31.50	31.79	32.08	32.37	32.67	32.96
15	32.19	32.50	32.81	33.12	33.44	33.75	34.06	34.37	34.69	35.00	35.31
16	34.33	34.67	35.00	35.33	35.67	36.00	36.33	36.67	37.00	37.33	37.67
17	36.48	36.83	37.19	37.54	37.89	38.25	38.60	38.96	39.31	39.67	40.02
18	38.62	39.00	39.37	39.75	40.12	40.50	40.87	41.25	41.62	42.00	42.37
19	40.77	41.17	41.56	41.96	42.35	42.75	43.14	43.54	43.94	44.33	44.73
20	42.92	43.33	43.75	44.17	44.58	45.00	45.42	45.83	46.25	46.67	47.08
21	45.06	45.50	45.94	46.37	46.81	47.25	47.69	48.12	48.56	49.00	49.44
22	47.21	47.67	48.12	48.58	49.04	49.50	49.96	50.42	50.87	51.33	51.76
23	49.35	49.83	50.31	50.79	51.27	51.75	52.23	52.71	53.19	53.67	54.14
24	51.50	52.00	52.50	53.00	53.50	54.00	54.50	55.00	55.50	56.00	56.50
25	53.64	54.17	54.69	55.21	55.73	56.25	56.77	57.29	57.81	58.33	58.85
26	55.79	56.33	56.87	57.82	57.96	58.50	59.04	59.58	60.12	60.67	61.21
27	57.94	58.50	59.06	59.62	60.19	60.75	61.31	61.87	62.44	63.00	63.56
28	60.08	60.67	61.25	61.83	62.42	63.00	63.58	64.17	64.75	65.33	65.92
29	62.23	62.83	63.44	64.04	64.64	65.25	65.85	66.46	67.06	67.67	68.27
30	64.37	65.00	65.62	66.25	66.87	67.50	68.12	68.75	69.37	70.00	70.62
Inches.											
1	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19
2	0.36	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39
3	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.58	0.59
4	0.71	0.72	0.73	0.74	0.74	0.75	0.76	0.76	0.77	0.78	0.78
5	0.89	0.90	0.91	0.92	0.93	0.94	0.94	0.95	0.96	0.97	0.98
6	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17
7	1.25	1.26	1.28	1.29	1.30	1.31	1.32	1.33	1.35	1.36	1.37
8	1.42	1.44	1.46	1.47	1.48	1.50	1.51	1.52	1.54	1.55	1.57
9	1.60	1.63	1.64	1.66	1.67	1.69	1.70	1.72	1.73	1.75	1.76
10	1.78	1.81	1.82	1.84	1.86	1.87	1.89	1.91	1.92	1.94	1.96
11	1.96	1.99	2.01	2.02	2.04	2.06	2.08	2.10	2.12	2.14	2.15

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	28. $\frac{1}{2}$	28. $\frac{3}{4}$	29.	29. $\frac{1}{4}$	29. $\frac{1}{2}$	29. $\frac{3}{4}$	30.	30. $\frac{1}{4}$	30. $\frac{1}{2}$	30. $\frac{3}{4}$	31.
1	2.37	2.39	2.42	2.44	2.46	2.48	2.50	2.52	2.54	2.56	2.58
2	4.75	4.79	4.83	4.87	4.92	4.96	5.00	5.04	5.08	5.12	5.17
3	7.12	7.19	7.25	7.31	7.37	7.44	7.50	7.56	7.62	7.69	7.75
4	9.50	9.58	9.67	9.75	9.83	9.92	10.00	10.08	10.17	10.25	10.33
5	11.87	11.98	12.08	12.19	12.29	12.39	12.50	12.60	12.71	12.81	12.92
6	14.25	14.37	14.50	14.62	14.75	14.87	15.00	15.12	15.25	15.37	15.50
7	16.62	16.77	16.92	17.06	17.21	17.35	17.50	17.64	17.79	17.94	18.08
8	19.00	19.17	19.33	19.50	19.67	19.83	20.00	20.17	20.33	20.50	20.67
9	21.37	21.56	21.75	21.94	22.12	22.31	22.50	22.69	22.87	23.06	23.25
10	23.75	23.96	24.17	24.37	24.58	24.79	25.00	25.21	25.42	25.62	25.83
11	26.12	26.35	26.58	26.81	27.04	27.27	27.50	27.75	27.96	28.19	28.42
12	28.50	28.75	29.00	29.25	29.50	29.75	30.00	30.25	30.50	30.75	31.00
13	30.87	31.14	31.42	31.69	31.96	32.23	32.50	32.77	33.04	33.31	33.58
14	33.25	33.54	33.83	34.12	34.42	34.71	35.00	35.29	35.58	35.87	36.17
15	35.62	35.94	36.25	36.56	36.87	37.19	37.50	37.81	38.12	38.44	38.75
16	38.00	38.33	38.67	39.00	39.33	39.67	40.00	40.33	40.67	41.00	41.33
17	40.37	40.73	41.08	41.44	41.79	42.14	42.50	42.85	43.21	43.56	43.92
18	42.75	43.12	43.50	43.87	44.25	44.62	45.00	45.37	45.75	46.12	46.50
19	45.12	45.52	45.92	46.31	46.71	47.10	47.50	47.89	48.29	48.69	49.08
20	47.50	47.92	48.33	48.75	49.17	49.58	50.00	50.42	50.83	51.25	51.67
21	49.87	50.31	50.75	51.19	51.62	52.06	52.50	52.94	53.37	53.81	54.25
22	52.25	52.71	53.17	53.62	54.08	54.54	55.00	55.46	55.92	56.37	56.83
23	54.62	55.10	55.58	56.06	56.54	57.02	57.50	57.98	58.46	58.94	59.42
24	57.00	57.50	58.00	58.50	59.00	59.50	60.00	60.50	61.00	61.50	62.00
25	59.37	59.89	60.42	60.94	61.46	61.98	62.50	63.02	63.54	64.06	64.58
26	61.75	62.29	62.83	63.37	63.92	64.46	65.00	65.54	66.08	66.62	67.17
27	64.12	64.69	65.25	65.81	66.37	66.94	67.50	68.06	68.62	69.19	69.75
28	66.50	67.08	67.67	68.25	68.83	69.42	70.00	70.58	71.17	71.75	72.33
29	68.87	69.48	70.08	70.69	71.29	71.89	72.50	73.29	73.71	74.31	74.92
30	71.25	71.87	72.50	73.12	73.75	74.37	75.00	75.62	76.25	76.87	77.50
Inches.											
1	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21
2	0.39	0.40	0.40	0.40	0.41	0.41	0.42	0.42	0.42	0.43	0.43
3	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.64	0.64
4	0.79	0.80	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.85	0.86
5	0.99	0.99	1.01	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.07
6	1.18	1.19	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29
7	1.38	1.39	1.41	1.42	1.43	1.45	1.46	1.47	1.48	1.49	1.50
8	1.58	1.59	1.61	1.62	1.64	1.65	1.67	1.68	1.69	1.71	1.72
9	1.78	1.79	1.81	1.83	1.84	1.86	1.87	1.89	1.90	1.92	1.93
10	1.97	1.99	2.01	2.03	2.05	2.07	2.08	2.10	2.12	2.13	2.15
11	2.17	2.19	2.22	2.23	2.25	2.27	2.29	2.31	2.33	2.35	2.37

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	$31\frac{1}{4}$	$31\frac{1}{2}$	$31\frac{3}{4}$	32.	$32\frac{1}{4}$	$32\frac{1}{2}$	$32\frac{3}{4}$	33.	$33\frac{1}{4}$	$33\frac{1}{2}$	$33\frac{3}{4}$
1	2.60	2.62	2.64	2.67	2.69	2.71	2.73	2.75	2.77	2.79	2.81
2	5.21	5.25	5.29	5.33	5.37	5.42	5.46	5.50	5.54	5.58	5.62
3	7.81	7.87	7.94	8.00	8.06	8.12	8.19	8.25	8.31	8.37	8.44
4	10.47	10.50	10.58	10.67	10.75	10.83	10.92	11.00	11.08	11.17	11.25
5	13.02	13.12	13.23	13.33	13.44	13.54	13.64	13.75	13.85	13.96	14.06
6	15.62	15.75	15.87	16.00	16.12	16.25	16.37	16.50	16.62	16.75	16.87
7	18.23	18.37	18.52	18.67	18.81	18.96	19.10	19.25	19.29	19.54	19.69
8	20.83	21.00	21.17	21.33	21.50	21.67	21.83	22.00	22.17	22.33	22.50
9	23.44	23.62	23.81	24.00	24.19	24.37	24.56	24.75	24.94	25.12	25.31
10	26.04	26.25	26.46	26.67	26.87	27.08	27.29	27.50	27.71	27.92	28.12
11	28.64	28.87	29.10	29.33	29.56	29.79	30.02	30.25	30.48	30.71	30.94
12	31.25	31.50	31.75	32.00	32.25	32.50	32.75	33.00	33.25	33.50	33.75
13	33.85	34.12	34.39	34.67	34.94	35.21	35.48	35.75	35.02	36.29	36.56
14	36.46	36.75	37.04	37.33	37.62	37.92	38.21	38.50	38.79	39.08	39.37
15	39.06	39.37	39.69	40.00	40.31	40.62	40.94	41.25	41.56	41.87	42.19
16	41.67	42.00	42.33	42.67	43.00	43.33	43.67	44.00	44.33	44.67	45.00
17	44.27	44.62	44.98	45.33	45.69	46.04	46.39	46.75	47.10	47.46	47.81
18	46.87	47.25	47.62	48.00	48.37	48.75	49.12	49.50	49.87	50.25	50.62
19	49.48	49.87	50.27	50.67	51.06	51.46	51.85	52.25	52.64	53.04	53.44
20	52.08	52.50	52.92	53.33	53.75	54.17	54.58	55.00	55.42	55.83	56.25
21	54.69	55.12	55.56	56.00	56.44	56.87	57.31	57.75	58.19	58.62	59.06
22	57.26	57.75	58.21	58.67	59.12	59.58	60.04	60.50	60.96	61.42	61.87
23	59.89	60.37	60.85	61.33	61.81	62.29	62.77	63.25	63.73	64.21	64.69
24	62.50	63.00	63.50	64.00	64.50	65.00	65.50	66.00	66.50	67.00	67.50
25	65.10	65.62	66.14	66.67	67.19	67.71	68.23	68.75	69.27	69.79	70.31
26	67.71	68.25	68.79	69.33	69.87	70.42	70.96	71.50	72.04	72.58	73.12
27	70.31	70.87	71.43	72.00	72.56	73.12	73.69	74.25	74.81	75.37	75.96
28	72.92	73.50	74.08	74.67	75.25	75.83	76.42	77.00	77.58	78.17	78.75
29	75.52	76.12	76.73	77.33	77.94	78.54	79.14	79.75	80.35	80.96	81.56
30	78.12	78.75	79.37	80.00	80.62	81.25	81.87	82.50	83.12	83.75	84.37
inches.											
1	0.23	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23
2	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.46	0.46	0.46	0.47
3	0.65	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.70	0.70
4	0.87	0.87	0.88	0.89	0.89	0.90	0.91	0.92	0.92	0.93	0.94
5	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.15	1.16	1.17
6	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40
7	1.52	1.53	1.54	1.56	1.57	1.58	1.59	1.60	1.61	1.63	1.64
8	1.73	1.75	1.76	1.78	1.79	1.80	1.82	1.83	1.84	1.86	1.87
9	1.95	1.96	1.98	2.00	2.02	2.03	2.05	2.06	2.08	2.09	2.11
10	2.17	2.18	2.20	2.22	2.24	2.26	2.27	2.29	2.31	2.32	2.34
11	2.38	2.40	2.42	2.45	2.46	2.48	2.50	2.52	2.54	2.56	2.58

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	34.	34. $\frac{1}{4}$	34. $\frac{1}{2}$	34. $\frac{3}{4}$	35.	35. $\frac{1}{4}$	35. $\frac{1}{2}$	35. $\frac{3}{4}$	36.	36. $\frac{1}{4}$	36. $\frac{1}{2}$
1	2.83	2.85	2.87	2.89	2.92	2.94	2.96	2.98	3.00	3.02	3.04
2	5.67	5.71	5.75	5.79	5.83	5.87	5.92	5.96	6.00	6.04	6.05
3	8.50	8.56	8.62	8.79	8.75	8.81	8.87	8.94	9.00	9.06	9.12
4	11.33	11.42	11.50	11.58	11.67	11.75	11.83	11.91	12.00	12.08	12.17
5	14.17	14.27	14.37	14.48	14.68	14.69	14.79	14.89	15.00	15.10	15.21
6	17.00	17.12	17.25	17.37	17.50	17.62	17.75	17.87	18.00	18.12	18.25
7	19.83	19.98	20.12	20.27	20.42	20.56	20.71	20.84	21.00	21.14	21.29
8	22.67	22.83	23.00	23.17	23.33	23.50	23.67	23.83	24.00	24.17	24.33
9	25.50	25.69	25.87	26.06	26.25	26.44	26.62	26.81	27.00	27.19	27.37
10	28.33	28.54	28.75	28.96	29.17	29.37	29.58	29.79	30.00	30.20	30.41
11	31.17	31.39	31.62	31.85	32.18	32.31	32.54	32.77	33.00	33.23	33.46
12	34.00	34.25	34.50	34.75	35.00	35.25	35.50	35.75	36.00	36.25	36.50
13	36.83	37.10	37.37	37.64	37.92	38.19	38.46	38.73	39.00	39.27	39.54
14	39.67	39.96	40.25	40.54	40.83	41.12	41.42	41.71	42.00	42.29	42.58
15	42.50	42.81	43.12	43.44	43.75	44.06	44.37	44.69	45.00	45.31	45.62
16	45.33	45.67	46.00	46.33	46.67	47.00	47.33	47.67	48.00	48.33	48.66
17	48.17	48.52	48.87	49.23	49.68	49.94	50.29	50.64	51.00	51.35	51.71
18	51.00	51.37	51.75	52.12	52.50	52.87	53.25	53.62	54.00	54.37	54.75
19	53.83	54.23	54.62	54.02	55.42	55.81	56.21	56.60	57.00	57.39	57.79
20	56.67	57.08	57.50	57.92	58.33	58.75	59.17	59.58	60.00	60.41	60.83
21	59.50	59.94	60.37	60.81	61.25	61.69	62.12	62.56	63.00	63.44	63.87
22	62.33	62.79	63.25	63.71	64.17	64.62	65.08	65.54	66.00	66.46	66.91
23	65.17	65.64	66.12	66.60	67.18	67.56	68.04	68.52	69.00	69.48	69.96
24	68.00	68.50	69.00	69.50	70.00	70.50	71.00	71.50	72.00	72.50	73.00
25	70.83	71.35	71.87	72.39	72.92	73.44	73.96	74.48	75.00	75.52	76.04
26	73.66	74.21	74.75	75.29	75.83	76.37	76.92	77.46	78.00	78.54	79.08
27	76.50	77.06	77.66	78.19	78.75	79.31	79.87	80.44	81.00	81.56	82.12
28	79.33	79.92	80.50	80.08	81.67	82.25	82.83	83.42	84.00	84.58	85.16
29	82.17	82.77	83.37	83.80	84.68	85.19	85.79	86.39	87.00	87.60	88.20
30	85.00	85.62	86.25	86.87	87.50	88.12	88.75	89.37	90.00	90.62	91.25
Inches.											
1	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25
2	0.47	0.47	0.48	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.51
3	0.71	0.71	0.72	0.72	0.73	0.73	0.74	0.74	0.75	0.75	0.76
4	0.94	0.95	0.96	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.01
5	1.18	1.19	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27
6	1.41	1.42	1.43	1.44	1.46	1.47	1.48	1.49	1.50	1.51	1.52
7	1.65	1.66	1.67	1.68	1.70	1.71	1.73	1.74	1.75	1.76	1.77
8	1.88	1.90	1.91	1.92	1.94	1.96	1.97	1.98	2.00	2.01	2.03
9	2.12	2.14	2.15	2.17	2.19	2.20	2.22	2.23	2.25	2.26	2.28
10	2.36	2.37	2.39	2.41	2.43	2.45	2.47	2.48	2.50	2.52	2.53
11	2.59	2.61	2.63	2.65	2.67	2.69	2.71	2.73	2.75	2.77	2.79

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	$36\frac{3}{4}$	37.	$37\frac{1}{4}$	$37\frac{1}{2}$	$37\frac{3}{4}$	38.	$38\frac{1}{4}$	$38\frac{1}{2}$	$38\frac{3}{4}$	39.	$39\frac{1}{4}$
1	3.06	3.08	3.10	3.12	3.14	3.17	3.19	3.21	3.23	3.25	3.27
2	6.12	6.17	6.21	6.25	6.28	6.33	6.38	6.41	6.46	6.50	6.54
3	9.19	9.25	9.31	9.37	9.42	9.50	9.57	9.62	9.69	9.75	9.81
4	12.25	12.33	12.41	12.50	12.57	12.67	12.76	12.83	12.91	13.00	13.08
5	15.31	15.41	15.52	15.62	15.71	15.83	15.95	16.04	16.14	16.25	16.35
6	18.37	18.50	18.62	18.75	18.85	19.00	19.14	19.25	19.37	19.50	19.62
7	21.44	21.50	21.73	21.87	21.99	22.17	22.33	22.45	22.60	22.75	22.89
8	24.50	24.66	24.83	25.00	25.13	25.33	25.52	25.66	25.83	26.00	26.16
9	27.56	27.75	27.93	28.12	28.28	28.50	28.71	28.87	29.06	29.25	29.43
10	30.62	30.83	31.04	31.25	31.42	31.67	31.90	32.08	32.29	32.50	32.70
11	33.69	33.91	34.14	34.37	34.56	34.84	35.09	35.29	35.52	35.75	35.97
12	36.75	36.99	37.25	37.50	37.70	38.00	38.28	38.49	38.75	39.00	39.24
13	39.81	40.08	40.35	40.62	40.84	41.17	41.47	41.70	41.98	42.25	42.51
14	42.87	43.16	43.45	43.75	43.99	44.34	44.66	44.91	45.20	45.50	45.78
15	45.94	46.24	46.56	46.87	47.13	47.51	47.85	48.12	48.43	48.75	49.05
16	49.00	49.33	49.66	50.00	50.27	50.67	51.04	51.33	51.66	52.00	52.32
17	52.06	52.41	52.77	53.12	53.41	53.84	54.23	54.53	54.89	55.25	55.59
18	55.12	55.49	55.87	56.25	56.55	57.00	57.42	57.74	58.12	58.50	58.86
19	58.19	58.58	58.97	59.37	59.70	60.17	60.61	60.95	61.35	61.75	62.13
20	61.25	61.66	62.08	62.50	62.84	63.33	63.80	64.16	64.58	65.00	65.40
21	64.31	64.74	65.18	65.62	65.98	66.57	66.99	67.37	67.81	68.25	68.67
22	67.37	67.82	68.29	68.75	69.12	69.67	70.18	70.57	71.04	71.50	71.94
23	70.44	70.91	71.39	71.87	72.26	72.84	73.37	73.78	74.27	74.75	75.21
24	73.50	73.99	74.49	75.00	75.41	76.01	76.56	76.99	77.49	78.00	78.48
25	76.56	77.07	77.60	78.12	78.55	79.17	79.75	80.20	80.72	81.25	81.75
26	79.62	80.16	80.70	81.25	81.69	82.34	82.94	83.41	83.95	84.50	85.02
27	82.69	83.24	83.80	84.37	84.83	85.51	86.13	86.61	87.18	87.75	88.29
28	85.75	86.32	86.91	87.50	87.97	88.67	89.32	89.82	90.41	91.00	91.56
29	88.81	89.41	90.01	90.62	91.12	91.84	92.51	93.03	93.64	94.25	94.83
30	91.87	92.49	93.12	93.75	94.26	95.01	95.70	96.24	96.87	97.50	98.10
Inches.											
1	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27
2	0.51	0.51	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54
3	0.76	0.77	0.77	0.78	0.78	0.79	0.80	0.80	0.81	0.81	0.82
4	1.02	1.03	1.03	1.04	1.05	1.06	1.06	1.07	1.08	1.08	1.09
5	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.34	1.35	1.36
6	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63
7	1.78	1.80	1.81	1.82	1.83	1.85	1.86	1.87	1.88	1.89	1.91
8	2.04	2.05	2.07	2.08	2.09	2.11	2.12	2.13	2.15	2.16	2.18
9	2.29	2.31	2.32	2.34	2.35	2.37	2.39	2.41	2.42	2.44	2.45
10	2.55	2.57	2.58	2.60	2.62	2.64	2.66	2.67	2.69	2.71	2.72
11	2.80	2.82	2.84	2.86	2.88	2.90	2.92	2.94	2.96	2.98	3.00

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	$39\frac{1}{2}$	$39\frac{3}{4}$	40.	$40\frac{1}{4}$	$40\frac{1}{2}$	$40\frac{3}{4}$	41.	$41\frac{1}{4}$	$41\frac{1}{2}$
1	3.29	3.31	3.33	3.35	3.37	3.39	3.42	3.44	3.46
2	6.58	6.62	6.66	6.71	6.75	6.79	6.83	6.87	6.91
3	9.87	9.93	10.00	10.06	10.12	10.19	10.25	10.31	10.37
4	13.17	13.25	13.33	13.41	13.50	13.58	13.67	13.75	13.83
5	16.46	16.56	16.66	16.77	16.87	16.98	17.08	17.18	17.29
6	19.75	19.87	20.00	20.12	20.25	20.37	20.50	20.62	20.75
7	23.04	23.18	23.33	23.48	23.62	23.77	23.92	24.06	24.20
8	26.33	26.49	26.66	26.83	27.00	27.17	27.33	27.49	27.66
9	29.63	29.81	30.00	30.18	30.37	30.56	30.75	30.93	31.12
10	32.92	33.12	33.33	33.54	33.75	33.96	34.17	34.37	34.58
11	36.21	36.43	36.66	36.89	37.12	37.35	37.59	37.81	38.04
12	39.50	39.74	40.00	40.25	40.50	40.75	41.00	41.24	41.49
13	42.79	43.05	43.33	43.60	43.87	44.15	44.42	44.68	44.95
14	46.09	46.37	46.66	46.95	47.25	47.54	47.84	48.12	48.41
15	59.38	49.68	50.00	50.31	50.62	50.94	51.25	51.55	51.87
16	52.67	52.99	53.33	53.66	54.00	54.33	54.67	54.99	55.33
17	55.96	56.30	56.66	57.02	57.37	57.73	58.09	58.43	58.78
18	59.25	59.61	60.00	60.37	60.75	61.13	61.50	61.86	62.24
19	62.55	62.93	63.33	63.72	64.12	64.52	64.92	65.30	65.70
20	65.84	66.24	66.66	67.08	67.50	67.92	68.34	68.74	69.16
21	69.13	69.55	70.00	70.43	70.87	71.31	71.76	72.18	72.62
22	72.42	72.86	73.33	73.79	74.25	74.71	75.17	75.61	76.07
23	75.71	76.17	76.66	77.14	77.62	78.11	78.59	79.05	79.53
24	79.01	79.49	80.00	80.49	81.00	81.50	82.01	82.49	82.99
25	82.30	82.80	83.33	83.85	84.37	84.90	85.42	85.92	86.45
26	85.59	86.11	86.66	87.20	87.75	88.29	88.84	89.36	89.91
27	88.88	89.42	90.00	90.56	91.12	91.69	92.26	92.80	93.36
28	92.17	92.73	93.33	93.91	94.50	95.09	95.67	96.23	96.82
29	95.47	96.05	96.66	97.26	97.87	98.48	99.09	99.67	100.28
30	98.76	99.36	99.99	100.62	101.25	101.88	102.51	103.11	103.94
Inches.									
1	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.29
2	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57	0.58
3	0.82	0.83	0.83	0.84	0.84	0.85	0.85	0.86	0.86
4	1.10	1.10	1.11	1.12	1.12	1.13	1.14	1.15	1.15
5	1.37	1.38	1.39	1.39	1.40	1.41	1.42	1.43	1.44
6	1.64	1.65	1.66	1.67	1.68	1.69	1.71	1.72	1.73
7	1.92	1.93	1.94	1.95	1.96	1.98	2.00	2.01	2.02
8	2.19	2.20	2.22	2.23	2.24	2.26	2.28	2.29	2.30
9	2.47	2.48	2.50	2.51	2.53	2.54	2.56	2.58	2.59
10	2.74	2.76	2.77	2.79	2.81	2.82	2.85	2.87	2.88
11	3.02	3.03	3.05	3.07	3.09	3.11	3.13	3.15	3.17

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	$41\frac{3}{4}$	42.	$42\frac{1}{4}$	$42\frac{1}{2}$	$42\frac{3}{4}$	43.	$43\frac{1}{4}$	$43\frac{1}{2}$	$43\frac{3}{4}$
1	3.48	3.50	3.52	3.54	3.56	3.58	3.60	3.62	3.64
2	6.96	7.00	7.04	7.08	7.12	7.16	7.21	7.25	7.29
3	10.44	10.50	10.56	10.62	10.69	10.75	10.81	10.87	10.94
4	13.92	14.00	14.08	14.17	14.25	14.33	14.41	14.50	14.58
5	17.40	17.50	17.60	17.71	17.81	17.91	18.02	18.12	18.23
6	20.88	21.00	21.12	21.25	21.38	21.50	21.62	21.75	21.87
7	24.36	24.50	24.64	24.79	24.94	25.08	25.23	25.37	25.52
8	27.84	28.00	28.16	28.33	28.50	28.66	28.83	29.00	29.17
9	31.32	31.50	31.68	31.88	32.07	32.25	32.43	32.62	32.81
10	34.80	35.00	35.20	35.42	35.63	35.83	36.04	36.25	36.46
11	38.28	38.50	38.72	38.96	39.19	39.41	39.64	39.87	40.10
12	41.76	42.00	42.24	42.50	42.75	42.99	43.25	43.50	43.75
13	45.24	45.50	45.76	46.04	46.32	46.58	46.85	47.12	47.40
14	48.72	49.00	49.28	49.59	49.88	50.16	50.45	50.75	51.04
15	52.20	52.50	52.80	53.13	53.44	53.74	54.06	54.37	54.69
16	55.68	56.00	56.32	56.67	57.01	57.33	57.66	58.00	58.33
17	59.16	59.50	59.84	60.21	60.57	60.91	61.27	61.62	61.98
18	62.64	63.00	63.36	63.75	64.13	64.49	64.87	65.25	65.63
19	66.12	66.50	66.88	67.30	67.70	68.08	68.47	68.87	69.27
20	69.60	70.00	70.40	70.84	71.26	71.66	72.08	72.50	72.92
21	73.08	73.50	73.92	74.38	74.82	75.24	75.68	76.12	76.56
22	76.56	77.00	77.44	77.92	78.38	78.82	79.29	79.75	80.21
23	80.04	80.50	80.96	81.46	81.95	82.41	82.87	83.37	83.86
24	83.52	84.00	84.48	85.01	85.51	85.99	86.49	87.00	87.50
25	87.00	87.50	88.00	88.55	89.07	89.57	90.10	90.62	91.15
26	90.48	91.00	91.52	92.09	92.64	93.15	93.70	94.25	94.79
27	93.96	94.50	95.04	95.63	96.29	96.74	97.31	97.87	98.44
28	97.44	98.00	98.56	99.17	99.76	100.32	100.91	101.50	102.09
29	100.92	101.50	102.08	102.72	103.33	103.91	104.51	105.12	105.73
30	104.40	105.00	105.60	106.26	106.89	107.49	108.12	108.75	109.33
Inches.									
1	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30
2	0.58	0.58	0.59	0.59	0.59	0.60	0.60	0.60	0.61
3	0.87	0.87	0.88	0.88	0.89	0.89	0.90	0.90	0.91
4	1.16	1.17	1.17	1.18	1.18	1.19	1.20	1.21	1.21
5	1.45	1.46	1.47	1.47	1.48	1.49	1.50	1.51	1.52
6	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82
7	2.03	2.04	2.05	2.06	2.07	2.09	2.10	2.11	2.12
8	2.32	2.33	2.34	2.36	2.37	2.39	2.40	2.41	2.43
9	2.61	2.62	2.64	2.65	2.67	2.68	2.70	2.71	2.73
10	2.90	2.92	2.93	2.95	2.97	2.98	3.00	3.01	3.03
11	3.19	3.21	3.22	3.24	3.26	3.28	3.30	3.32	3.33

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	44.	44. $\frac{1}{4}$	44. $\frac{1}{2}$	44. $\frac{3}{4}$	45.	45. $\frac{1}{4}$	45. $\frac{1}{2}$	45. $\frac{3}{4}$	46.
1	3.66	3.68	3.71	3.73	3.75	3.77	3.79	3.81	3.83
2	7.33	7.37	7.41	7.46	7.50	7.54	7.58	7.62	7.67
3	11.00	11.06	11.12	11.19	11.25	11.31	11.37	11.43	11.50
4	14.66	14.75	14.83	14.91	15.00	15.08	15.17	15.25	15.33
5	18.33	18.43	18.54	18.64	18.75	18.85	18.96	19.06	19.16
6	22.00	22.12	22.25	22.37	22.50	22.62	22.75	22.87	23.00
7	25.66	25.81	25.95	26.10	26.25	26.39	26.54	26.68	26.83
8	29.33	29.49	29.66	29.83	30.00	30.16	30.33	30.49	30.66
9	32.99	33.18	33.37	33.56	33.75	33.93	34.13	34.31	34.50
10	36.66	36.87	37.08	37.29	37.50	37.70	37.92	38.12	38.33
11	40.32	40.56	40.79	41.02	41.25	41.47	41.71	41.93	42.16
12	43.99	44.24	44.49	44.75	45.00	45.24	45.50	45.74	46.00
13	47.66	47.93	48.20	48.48	48.75	49.01	49.29	49.56	49.83
14	51.32	51.62	51.91	52.20	52.50	52.78	53.09	53.37	53.66
15	54.99	55.30	55.62	55.93	56.25	56.55	56.88	57.18	57.49
16	58.65	58.99	59.33	59.66	60.00	60.32	60.67	60.99	61.33
17	62.32	62.68	63.03	63.39	63.75	64.09	64.46	64.80	65.16
18	65.99	66.36	66.74	67.12	67.50	67.86	68.25	68.62	68.99
19	69.65	69.05	70.45	70.85	71.25	71.63	72.05	72.43	72.83
20	73.32	73.74	74.16	74.58	75.00	75.40	75.84	76.24	76.66
21	76.98	77.43	77.87	78.31	78.75	79.17	79.63	80.05	80.49
22	80.65	81.11	81.57	82.04	82.50	82.94	83.42	83.86	84.32
23	84.32	84.80	85.28	85.77	86.25	86.71	87.21	87.68	88.16
24	87.98	88.49	88.99	89.49	90.00	90.48	91.01	91.49	91.99
25	91.65	92.17	92.70	93.22	93.75	94.25	94.80	95.30	95.82
26	95.31	95.86	96.41	96.95	97.50	98.02	98.59	99.11	99.66
27	98.98	99.55	100.11	100.68	101.25	101.79	102.38	102.92	103.49
28	102.65	103.23	103.82	104.41	105.00	105.56	106.17	106.74	107.32
29	106.31	106.92	107.53	108.14	108.75	109.33	109.97	110.55	111.16
30	109.98	110.61	111.24	111.87	112.50	113.10	113.76	114.36	114.99
Inches.									
1	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32
2	0.61	0.61	0.62	0.62	0.62	0.63	0.63	0.63	0.63
3	0.91	0.92	0.93	0.93	0.94	0.94	0.95	0.95	0.95
4	1.22	1.23	1.24	1.24	1.25	1.26	1.26	1.27	1.27
5	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.59
6	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91
7	2.13	2.14	2.16	2.17	2.19	2.20	2.21	2.22	2.23
8	2.44	2.45	2.47	2.49	2.50	2.51	2.52	2.54	2.54
9	2.74	2.76	2.78	2.80	2.81	2.83	2.84	2.86	2.86
10	3.05	3.06	3.09	3.11	3.12	3.14	3.16	3.17	3.18
11	3.35	3.37	3.40	3.42	3.44	3.45	3.47	3.49	3.50

A TABLE of Board Measure.

Breadth in Inches, &c.

Length in feet.	46. $\frac{1}{4}$	46. $\frac{1}{2}$	46. $\frac{3}{4}$	47.	47. $\frac{1}{4}$	47. $\frac{1}{2}$	47. $\frac{3}{4}$	48.	48. $\frac{1}{4}$
1	3.85	3.87	3.89	3.92	3.94	3.96	3.98	4.00	4.02
2	7.71	7.75	7.79	7.83	7.87	7.91	7.96	8.00	8.04
3	11.56	11.62	11.69	11.75	11.81	11.87	11.94	12.00	12.06
4	15.41	15.50	15.58	15.67	15.75	15.83	15.91	16.00	16.08
5	19.27	19.37	19.48	19.58	19.68	19.79	19.89	20.00	20.10
6	23.12	23.25	23.37	23.50	23.62	23.75	23.87	24.00	24.12
7	26.98	27.12	27.27	27.42	27.56	27.70	27.85	28.00	28.15
8	30.83	31.00	31.17	31.33	31.49	31.66	31.83	32.00	32.17
9	34.68	34.87	35.06	35.25	35.43	35.62	35.81	36.00	36.19
10	38.54	38.75	38.96	39.17	39.37	39.58	39.79	40.00	40.21
11	42.39	42.62	42.85	43.09	43.31	43.54	43.77	44.00	44.23
12	46.25	46.50	46.75	47.00	47.24	47.49	47.75	48.00	48.25
13	50.10	50.37	50.65	50.92	51.18	51.45	51.73	52.00	52.27
14	53.95	54.25	54.54	54.84	55.12	55.41	55.70	56.00	56.29
15	57.81	58.12	58.44	58.75	59.05	59.37	59.68	60.00	60.31
16	61.66	62.00	62.23	62.67	62.99	63.33	63.66	64.00	64.33
17	65.52	65.87	66.23	66.59	66.93	67.28	67.64	68.00	68.36
18	69.37	69.75	70.13	70.50	70.86	71.24	71.62	72.00	72.38
19	73.22	73.62	74.02	74.42	74.80	75.20	75.60	76.00	76.40
20	77.08	77.50	77.92	78.34	78.74	79.16	79.58	80.00	80.42
21	80.93	81.37	81.81	82.26	82.68	83.12	83.56	84.00	84.44
22	84.79	85.25	85.71	86.17	86.61	87.07	87.54	88.00	88.46
23	88.64	89.12	89.61	90.09	90.55	91.03	91.52	92.00	92.48
24	92.50	93.00	93.50	94.01	94.49	94.99	95.49	96.00	96.50
25	96.35	96.87	97.40	97.92	98.42	98.95	99.47	100.00	100.52
26	100.20	100.75	101.29	101.84	102.36	102.91	103.45	104.00	104.54
27	104.05	104.62	105.19	105.76	106.30	106.86	107.43	108.00	108.57
28	107.91	108.50	109.09	109.67	110.23	110.81	111.41	112.00	112.59
29	111.77	112.37	112.98	113.59	114.17	114.78	115.39	116.00	116.61
30	115.62	116.25	116.88	117.51	118.11	118.74	119.37	120.00	120.63
Inches.									
1	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33
2	0.64	0.64	0.65	0.65	0.66	0.66	0.66	0.67	0.67
3	0.96	0.97	0.97	0.98	0.98	0.99	0.99	1.00	1.00
4	1.28	1.29	1.30	1.31	1.31	1.32	1.33	1.33	1.34
5	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.67
6	1.92	1.93	1.94	1.96	1.97	1.98	1.99	2.00	2.01
7	2.24	2.26	2.27	2.29	2.30	2.31	2.32	2.33	2.34
8	2.56	2.58	2.59	2.61	2.63	2.64	2.65	2.66	2.68
9	2.88	2.90	2.92	2.94	2.95	2.97	2.98	3.00	3.01
10	3.21	3.22	3.24	3.26	3.28	3.30	3.32	3.33	3.35
11	3.53	3.55	3.56	3.59	3.61	3.63	3.65	3.66	3.68

A T A B L E of Board Measure.

Breadth in Inches, &c.

Length in feet.	48. $\frac{1}{2}$	48. $\frac{3}{4}$	49.	49. $\frac{1}{4}$	49. $\frac{1}{2}$	49. $\frac{3}{4}$	50.	50. $\frac{1}{4}$	50. $\frac{1}{2}$
1	4.04	4.06	4.08	4.10	4.12	4.14	4.16	4.19	4.21
2	8.08	8.12	8.17	8.21	8.25	8.29	8.33	8.37	8.41
3	12.12	12.18	12.25	12.31	12.37	12.43	12.50	12.56	12.62
4	16.17	16.25	16.33	16.41	16.50	16.58	16.66	16.75	16.83
5	20.21	20.31	20.41	20.52	20.62	20.73	20.83	20.93	21.04
6	24.25	24.37	24.50	24.62	24.75	24.87	25.00	25.12	25.25
7	28.29	28.43	28.58	28.73	28.87	29.02	29.16	29.30	29.45
8	32.33	32.49	32.66	32.83	33.00	33.17	33.33	33.49	33.66
9	36.38	36.56	36.75	36.93	37.12	37.31	37.49	37.68	37.87
10	40.42	40.62	40.83	41.04	41.25	41.46	41.66	41.87	42.08
11	44.46	44.68	44.91	45.14	45.37	45.60	45.82	46.06	46.29
12	48.50	48.74	49.00	49.25	49.50	49.75	50.00	50.24	50.49
13	52.54	52.80	53.08	53.35	53.62	53.90	54.16	54.43	54.70
14	56.59	56.87	57.16	57.45	57.75	58.04	58.32	58.62	58.91
15	60.63	60.93	61.24	61.56	61.87	62.19	62.49	62.80	63.12
16	64.67	64.99	65.33	65.66	66.00	66.33	66.65	66.99	67.33
17	68.71	69.05	69.41	69.77	70.12	70.48	70.82	71.18	71.53
18	72.75	73.11	73.49	73.87	74.25	74.63	74.99	75.36	75.74
19	76.80	77.18	77.58	77.97	78.37	78.77	79.15	79.55	79.95
20	80.84	81.24	81.66	82.08	82.50	82.92	83.32	83.74	84.16
21	84.88	85.30	85.74	86.18	86.62	87.06	87.48	87.93	88.37
22	88.92	89.36	89.82	90.29	90.75	91.21	91.65	92.11	92.57
23	92.96	93.42	93.91	94.39	94.87	95.35	95.82	96.30	96.78
24	97.01	97.49	98.00	98.49	99.00	99.50	99.98	100.49	100.99
25	101.05	101.55	102.07	102.60	103.12	103.65	104.15	104.67	105.20
26	105.09	105.61	106.16	106.70	107.25	107.79	108.31	108.86	109.41
27	109.13	109.67	110.24	110.81	111.37	111.94	112.48	113.05	113.61
28	113.17	113.73	114.32	114.91	115.50	116.09	116.65	117.23	117.82
29	117.22	117.81	118.41	119.01	119.62	120.23	120.81	121.42	122.03
30	121.26	121.87	122.49	123.12	123.75	124.38	124.98	125.61	126.24
Inches.									
1	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35
2	0.67	0.68	0.68	0.68	0.69	0.69	0.69	0.70	0.70
3	1.01	1.01	1.02	1.02	1.03	1.03	1.04	1.04	1.05
4	1.35	1.35	1.36	1.37	1.37	1.38	1.39	1.39	1.40
5	1.68	1.69	1.70	1.71	1.72	1.72	1.73	1.74	1.75
6	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10
7	2.36	2.37	2.38	2.39	2.40	2.41	2.43	2.44	2.45
8	2.69	2.70	2.72	2.73	2.75	2.76	2.77	2.78	2.80
9	3.03	3.04	3.06	3.07	3.09	3.10	3.12	3.13	3.16
10	3.37	3.38	3.40	3.42	3.43	3.45	3.47	3.48	3.51
11	3.70	3.72	3.74	3.76	3.77	3.79	3.81	3.83	3.86

THE
E X P L I C A T I O N
A N D

Use of the T A B L E,

W H I C H S H E W S

The Length that makes a Foot Superficial.

LOOK in the column, titled inches broad, and against the number of inches broad in the next column, titled length in inches, is the answer.

I may be thought perhaps that I am too nice and curious in calculating the length to four places of decimal parts; but let it be observed, that as the breadth extends itself towards the latter end of the table, the length decreases so very little, that every different length could not be ascertained without going to the above number of places.

A T A B L E

A T A B L E of Inches in Length that makes a Foot Superficial.

Inches broad.	Length in Inches.	Inches broad.	Length in Inches.	Inches broad.	Length in Inches.	Inches broad.	Length in Inches.	Inches broad.	Length in Inches.
$\frac{1}{4}$	576.0000	10. $\frac{1}{2}$	13.7143	20. $\frac{3}{4}$	6.9398	30. $\frac{3}{4}$	4.6829	40. $\frac{3}{4}$	3.5337
$\frac{1}{2}$	288.0000	10. $\frac{3}{4}$	13.3953	21.	6.8571	31.	4.6451	41.	3.5122
$\frac{3}{4}$	192.0000	11.	13.1000	21. $\frac{1}{4}$	6.7765	31. $\frac{1}{4}$	4.6080	41. $\frac{1}{4}$	3.4909
1.	144.0000	11. $\frac{1}{4}$	12.8000	21. $\frac{1}{2}$	6.6977	31. $\frac{1}{2}$	4.5711	41. $\frac{1}{2}$	3.4699
$1\frac{1}{4}$	115.2000	11. $\frac{1}{2}$	12.5217	21. $\frac{3}{4}$	6.6207	31. $\frac{3}{4}$	4.5354	41. $\frac{3}{4}$	3.4491
$1\frac{1}{2}$	96.0000	11. $\frac{3}{4}$	12.2552	22.	6.5454	32.	4.5000	42.	3.4286
$1\frac{3}{4}$	82.2856	12.	12.0000	22. $\frac{1}{4}$	6.4719	32. $\frac{1}{4}$	4.4651	42. $\frac{1}{4}$	3.4083
2.	72.0000	12. $\frac{1}{4}$	11.7551	22. $\frac{1}{2}$	6.4000	32. $\frac{1}{2}$	4.4308	42. $\frac{1}{2}$	3.3847
$2\frac{1}{4}$	64.0000	12. $\frac{1}{2}$	11.5200	22. $\frac{3}{4}$	6.3297	32. $\frac{3}{4}$	4.3969	42. $\frac{3}{4}$	3.3687
$2\frac{1}{2}$	57.6000	12. $\frac{3}{4}$	11.2941	23.	6.2609	33.	4.3636	43.	3.3488
$2\frac{3}{4}$	52.3636	13.	11.0769	23. $\frac{1}{4}$	6.1935	33. $\frac{1}{4}$	4.3308	43. $\frac{1}{4}$	3.3295
3.	48.0000	13. $\frac{1}{4}$	10.8672	23. $\frac{1}{2}$	6.1276	33. $\frac{1}{2}$	4.2986	43. $\frac{1}{2}$	3.3103
$3\frac{1}{4}$	44.3077	13. $\frac{1}{2}$	10.6666	23. $\frac{3}{4}$	6.0632	33. $\frac{3}{4}$	4.2637	43. $\frac{3}{4}$	3.2914
$3\frac{1}{2}$	41.1426	13. $\frac{3}{4}$	10.4727	24.	6.0000	34.	4.2353	44.	3.2747
$3\frac{3}{4}$	38.4000	14.	10.2857	24. $\frac{1}{4}$	5.9381	34. $\frac{1}{4}$	4.2044	44. $\frac{1}{4}$	3.2542
4.	36.0000	14. $\frac{1}{4}$	10.1052	24. $\frac{1}{2}$	5.8775	34. $\frac{1}{2}$	4.1739	44. $\frac{1}{2}$	3.2357
$4\frac{1}{4}$	33.8823	14. $\frac{1}{2}$	9.9310	24. $\frac{3}{4}$	5.8182	34. $\frac{3}{4}$	4.1439	44. $\frac{3}{4}$	3.2179
$4\frac{1}{2}$	32.0000	14. $\frac{3}{4}$	9.7627	25.	5.7600	35.	4.1143	45.	3.2000
$4\frac{3}{4}$	30.3158	15.	9.6000	25. $\frac{1}{4}$	5.7021	35. $\frac{1}{4}$	4.0851	45. $\frac{1}{4}$	3.1801
5.	28.5000	15. $\frac{1}{4}$	9.4360	25. $\frac{1}{2}$	5.6470	35. $\frac{1}{2}$	4.0563	45. $\frac{1}{2}$	3.1618
$5\frac{1}{4}$	27.4286	15. $\frac{1}{2}$	9.2903	25. $\frac{3}{4}$	5.5922	35. $\frac{3}{4}$	4.0280	45. $\frac{3}{4}$	3.1454
$5\frac{1}{2}$	26.1818	15. $\frac{3}{4}$	9.1429	26.	5.5384	36.	4.0000	46.	3.1304
$5\frac{3}{4}$	25.0435	16.	9.0000	26. $\frac{1}{4}$	5.4857	36. $\frac{1}{4}$	3.9724	46. $\frac{1}{4}$	3.1135
6.	24.0000	16. $\frac{1}{4}$	8.8615	26. $\frac{1}{2}$	5.4340	36. $\frac{1}{2}$	3.9452	46. $\frac{1}{2}$	3.0946
$6\frac{1}{4}$	23.0400	16. $\frac{1}{2}$	8.7273	26. $\frac{3}{4}$	5.3832	36. $\frac{3}{4}$	3.9184	46. $\frac{3}{4}$	3.0802
$6\frac{1}{2}$	22.1538	16. $\frac{3}{4}$	8.5964	27.	5.3333	37.	3.8919	47.	3.0638
$6\frac{3}{4}$	21.3333	17.	8.4706	27. $\frac{1}{4}$	5.2837	37. $\frac{1}{4}$	3.8658	47. $\frac{1}{4}$	3.0476
7.	20.5714	17. $\frac{1}{4}$	8.3478	27. $\frac{1}{2}$	5.2364	37. $\frac{1}{2}$	3.8400	47. $\frac{1}{2}$	3.0316
$7\frac{1}{4}$	19.8620	17. $\frac{1}{2}$	8.2857	27. $\frac{3}{4}$	5.1892	37. $\frac{3}{4}$	3.8146	47. $\frac{3}{4}$	3.0157
$7\frac{1}{2}$	19.2000	17. $\frac{3}{4}$	8.1137	28.	5.1429	38.	3.7892	48.	3.0000
$7\frac{3}{4}$	18.5806	18.	8.0000	28. $\frac{1}{4}$	5.0973	38. $\frac{1}{4}$	3.7647	48. $\frac{1}{4}$	2.9845
8.	18.0000	18. $\frac{1}{4}$	7.8904	28. $\frac{1}{2}$	5.0526	38. $\frac{1}{2}$	3.7403	48. $\frac{1}{2}$	2.9690
$8\frac{1}{4}$	17.4545	18. $\frac{1}{2}$	7.7885	28. $\frac{3}{4}$	5.0087	38. $\frac{3}{4}$	3.7161	48. $\frac{3}{4}$	2.9538
$8\frac{1}{2}$	17.9412	18. $\frac{3}{4}$	7.6800	29.	4.9655	39.	3.6923	49.	2.9388
$8\frac{3}{4}$	16.4571	19.	7.5842	29. $\frac{1}{4}$	4.9231	39. $\frac{1}{4}$	3.6688	49. $\frac{1}{4}$	2.9238
9.	16.0000	19. $\frac{1}{4}$	7.4805	29. $\frac{1}{2}$	4.8814	39. $\frac{1}{2}$	3.6430	49. $\frac{1}{2}$	2.9090
$9\frac{1}{4}$	15.5675	19. $\frac{1}{2}$	7.3846	29. $\frac{3}{4}$	4.8430	39. $\frac{3}{4}$	3.6226	49. $\frac{3}{4}$	2.8945
$9\frac{1}{2}$	15.1579	19. $\frac{3}{4}$	7.2911	30.	4.8000	40.	3.6000	50.	2.8800
$9\frac{3}{4}$	14.7682	20.	7.2000	30. $\frac{1}{4}$	4.7630	40. $\frac{1}{4}$	3.5776	50. $\frac{1}{4}$	2.8657
10.	14.4000	20. $\frac{1}{4}$	7.1111	30. $\frac{1}{2}$	4.7213	40. $\frac{1}{2}$	3.5555	50. $\frac{1}{2}$	2.8515
$10\frac{1}{4}$	14.0488	20. $\frac{1}{2}$	7.0244						

T H E
E X P L I C A T I O N
A N D
Use of the three following T A B L E S
O f L A N D M E A S U R E.

T A B L E I.

THIS table is for converting feet and inches in length, and at any breadth assigned, not exceeding a perch broad into a perch.

In the two first columns, titled feet and inches, is one side (*or the length*) and the two next columns is the other side that will make a perch; so that when the ground to be measured is either or any one of the sides expressed in the table, the other side may be measured on by the side opposite to it, and repeated as occasion requires till the whole is done.

The use of this table is to cast up, hop, liquorice, potatoe, garden ground, &c. that is commonly tilled with the spade, and paid for by the perch.

T A B L E II.

In the first column is one side in perches, and in the next three columns is the other side in perches, feet and inches that makes a rood, half acre, three roods, and an acre, expressed by the two next columns.

The use of this table is to cast up any parcel of land that lies in form of a square or oblong.

T A B L E III.

In the first column is the *integral* parts of a perch, and in the two next columns is its equality in feet and inches signified by the sign of equality betwixt them, and in the three next columns, titled perches, feet, inches, is the length or other side that makes a rood, half acre, three roods, and an acre.

The use of this table is to cast up the content of any narrow slip of meadow ground, &c. in the open fields.

A T A B L E

A TABLE of PERCH MEASURE,

S H E W I N G

How many Feet in Length will make a Perch,
at any assigned Breadth, less than a Perch,
and *per Contra*.

Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
1		272	3	9		30	3
1	3	217	9	9	3	29	5
1	6	181	6	9	6	28	8
1	9	155	7	9	9	27	11
2		136	1	10		27	3
2	3	121		10	3	26	7
2	6	108	11	10	6	25	11
2	9	99		10	9	25	4
3		90	9	11		24	9
3	3	83	9	11	3	24	2
3	6	77	9	11	6	23	8
3	9	72	7	11	9	23	2
4		68	1	12		22	8
4	3	64	1	12	3	22	3
4	6	60	6	12	6	21	9
4	9	57	4	12	9	21	4
5		54	5	13		20	11
5	3	51	10	13	3	20	6
5	6	49	6	13	6	20	2
5	9	47	4	13	9	19	10
6		45	6	14		19	5
6	3	43	7	14	3	19	1
6	6	41	11	14	6	18	9
6	9	40	4	14	9	18	5
7		38	11	15		18	2
7	3	37	7	15	3	17	10
7	6	36	4	15	6	17	7
7	9	35	2	15	9	17	3
8		34		16		17	
8	3	33		16	3	16	9
8	6	32	3	16	6	16	6
8	9	31	1				

Y 2

A T A B L E

A TABLE of Land Measure, shewing how many Perches in Length will make a Rood, Half Acre, Three Roods, and an Acre, at any Breadth assigned in a Perch, and *per Contra*.

Perches.	Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Perches.	Feet.	Inches.	Roods.	Acres.
1	40	—	—	1	—	12	3	5	6	1	—	23	1	12	2	1	—
1	80	—	—	2	—	12	6	11	—	2	—	23	3	8	—	2	—
1	120	—	—	3	—	12	10	—	—	3	—	23	5	3	7	3	—
1	160	—	—	—	1	12	13	5	6	—	1	23	6	15	9	—	1
2	20	—	—	1	—	13	3	1	3	1	—	24	1	11	—	1	—
2	40	—	—	2	—	13	6	2	6	2	—	24	3	5	6	2	—
2	60	—	—	3	—	13	9	3	9	3	—	24	5	—	—	3	—
2	80	—	—	—	1	13	12	6	—	—	1	24	6	11	—	—	1
3	13	5	6	1	—	14	2	14	2	1	—	25	1	9	11	1	—
3	26	11	—	2	—	14	5	11	9	2	—	25	3	3	3	2	—
3	40	—	—	3	—	14	8	9	5	3	—	25	4	13	2	3	—
3	53	5	6	—	1	14	11	1	1	—	1	25	6	6	7	—	1
4	10	—	—	1	—	15	2	11	—	1	—	26	1	8	10	1	—
4	20	—	—	2	—	15	5	5	6	2	—	26	3	1	3	2	—
4	30	—	—	3	—	15	8	—	—	3	—	26	4	10	2	3	—
4	40	—	—	—	1	15	10	11	—	—	1	26	6	2	6	—	1
5	8	—	—	1	—	16	2	8	3	1	—	27	1	7	11	1	—
5	16	—	—	2	—	16	5	—	—	2	—	27	2	15	11	2	—
5	24	—	—	3	—	16	7	8	3	3	—	27	4	7	4	3	—
5	32	—	—	—	1	16	10	—	—	—	1	27	5	15	3	—	1
6	6	11	—	1	—	17	2	5	10	1	—	28	1	7	1	1	—
6	13	5	2	2	—	17	4	11	8	2	—	28	2	13	11	2	—
6	20	—	—	3	—	17	7	—	11	3	—	28	4	4	8	3	—
6	26	11	—	—	1	17	9	6	10	—	1	28	5	11	9	—	1
7	5	11	10	1	—	18	2	3	8	1	—	29	1	6	3	1	—
7	11	8	—	2	—	18	4	7	4	2	—	29	2	12	6	2	—
7	17	2	4	3	—	18	6	11	—	3	—	29	4	2	3	3	—
7	22	14	2	—	1	18	8	14	8	—	1	29	5	8	6	—	1
8	5	—	—	1	—	19	2	1	9	1	—	30	1	5	6	1	—
8	10	—	—	2	—	19	4	3	5	2	—	30	2	1	11	2	—
8	15	—	—	3	—	19	6	5	2	3	—	30	4	—	—	3	—
8	20	—	—	—	1	19	8	6	11	—	1	30	5	5	6	—	3
9	4	7	4	1	—	20	2	—	—	1	—	31	1	4	9	1	—
9	8	14	7	2	—	20	4	—	—	2	—	31	2	9	7	2	—
9	13	5	6	3	—	20	6	—	—	3	—	31	3	14	4	3	—
9	17	12	10	—	1	20	8	—	—	—	1	31	5	2	8	—	1
10	4	—	—	1	—	21	1	14	11	1	—	32	1	4	2	1	—
10	8	—	—	2	—	21	3	13	4	2	—	32	2	8	3	2	—
10	12	—	—	3	—	21	5	11	9	3	—	32	3	12	4	3	—
10	16	—	—	—	1	21	7	10	2	—	1	32	5	—	—	—	1
11	3	10	6	1	—	22	1	13	6	1	—	33	1	3	6	1	—
11	7	4	7	2	—	22	3	10	6	2	—	33	2	7	—	2	—
11	10	15	—	3	—	22	5	7	5	3	—	33	3	10	6	3	—
11	14	9	—	—	1	22	7	4	6	—	1	33	4	14	—	—	1

A TABLE of Land Measure, shewing how many Perches in Length will make a Rood, Half Acre, Three Roods, and an Acre, at any Breadth assigned in a Perch, and *per Contra*,

Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Feet.	Inches.	Roods.	Acres.
34	1	2	11	1	45	14	8	1	—	56	0	11	9	1
34	2	5	10	2	45	12	10	2	—	56	1	7	2	2
34	3	8	9	3	45	11	—	3	—	56	2	2	4	3
34	4	11	8	—	45	9	2	—	1	56	2	14	1	—
35	1	2	4	1	46	14	4	1	—	57	0	11	7	1
35	2	9	1	2	46	12	—	2	—	57	1	6	8	2
35	3	7	1	3	46	10	1	3	—	57	2	1	9	3
35	4	9	5	—	46	7	11	—	1	57	2	13	4	—
36	1	2	—	1	47	14	—	1	—	58	0	11	4	1
36	2	3	8	2	47	11	7	2	—	58	1	6	3	2
36	3	5	6	3	47	9	2	3	—	58	2	1	2	3
36	4	7	6	—	47	6	8	—	1	58	2	12	6	—
37	1	1	4	1	48	13	9	1	—	59	0	11	2	1
37	2	2	8	2	48	11	—	2	—	59	1	5	10	2
37	3	4	—	3	48	8	3	3	—	59	2	—	8	3
37	4	5	4	—	48	5	6	—	1	59	2	11	10	—
38	1	—	10	1	49	13	5	1	—	60	0	11	—	1
38	2	1	8	2	49	10	5	2	—	60	1	5	6	2
38	3	2	9	3	49	7	5	3	—	60	2	—	—	3
38	4	3	7	—	49	4	4	—	1	60	2	11	—	—
39	1	—	5	1	50	13	2	1	—	61	0	10	10	1
39	2	—	10	2	50	9	11	2	—	61	1	5	1	2
39	3	1	3	3	50	6	7	3	—	61	1	15	11	3
39	4	1	8	—	50	3	3	—	1	61	2	10	3	—
40	1	—	—	1	51	12	11	1	—	62	0	10	8	1
40	2	—	—	2	51	9	4	2	—	62	1	4	9	2
40	3	—	—	3	51	5	10	3	—	62	1	15	5	3
40	4	—	—	—	51	2	3	—	1	62	2	9	7	—
41	0	16	1	1	52	12	8	1	—	63	0	10	6	1
41	1	15	8	2	52	8	10	2	—	63	1	4	6	2
41	2	15	3	3	52	5	1	3	—	63	1	14	11	3
41	3	14	10	—	52	1	3	—	1	63	2	8	11	—
42	0	15	8	1	53	12	5	1	—	64	0	10	3	1
42	1	14	11	2	53	8	5	2	—	64	1	4	1	2
42	2	14	2	3	53	4	4	3	—	64	1	14	6	3
42	3	13	4	—	53	—	3	—	1	64	2	8	3	—
43	0	15	4	1	54	12	2	1	—	65	0	10	2	1
43	1	14	2	2	54	7	11	2	—	65	1	3	9	2
43	2	13	1	3	54	3	8	3	—	65	1	13	11	3
43	3	11	11	—	54	15	10	—	1	65	2	7	7	—
44	0	14	2	1	55	12	—	1	—	66	0	10	—	1
44	1	13	6	2	55	7	6	2	—	66	1	3	6	2
44	2	12	—	3	55	3	—	3	—	66	1	13	6	3
4	3	9	8	—	55	15	—	—	1	66	2	7	—	1

A TABLE of Land Measure, shewing how many Perches in Length will make a Rood, Half Acre, Three Roods, and an Acre, at any Breadth assigned in a Perch, and *per Contra*.

Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Feet.	Inches.	Roods.	Acres.	Perches.	Feet.	Inches.	Roods.	Acres.
67	9	10	1	—	72	9	2	1	—	77	8	7	1	—
67	1	3	2	—	72	1	2	2	—	77	1	7	2	—
67	1	13	3	—	72	1	11	3	—	77	1	9	3	—
67	2	6	4	1	72	2	3	8	1	77	2	1	3	1
68	0	9	8	1	73	0	9	1	—	78	0	8	5	1
68	1	2	11	2	73	1	1	6	2	78	1	—	5	2
68	1	12	7	3	73	1	10	7	3	78	1	8	11	3
68	2	5	9	—	73	2	3	11	—	78	2	—	10	—
69	0	9	7	1	74	0	8	11	1	79	0	8	4	1
69	1	2	7	2	74	1	1	4	2	79	1	—	2	—
69	1	12	2	3	74	1	10	3	3	79	1	8	7	3
69	2	5	3	—	74	2	2	8	—	79	2	—	5	—
70	0	9	5	1	75	0	8	9	1	80	0	8	3	1
70	1	2	4	2	75	1	1	1	2	80	1	—	—	—
70	1	11	9	3	75	1	9	11	3	80	1	8	3	3
70	2	4	8	—	75	2	2	2	—	80	2	—	—	—
71	0	9	3	1	76	0	8	8	1					
71	1	2	1	2	76	1	0	10	2					
71	1	11	5	3	76	1	9	6	3					
71	2	4	2	—	76	2	1	8	—					

A TABLE shewing how many Perches in Length will make a Rood, Half Acre, Three Roods, and an Acre, at Three Quarters, a Half, and a Quarter of a Perch Broad, and *per Contra*.

Parts of a Perch broad.		equal to	LONG						
			Feet.	Inches.	Perches	Feet.	Inches.		
$\frac{3}{4}$	==	12	$4\frac{1}{2}$	53	4	$1\frac{1}{2}$	}	Rood.	
$\frac{1}{2}$	==	8	3	80	—	—			
$\frac{1}{4}$	==	4	$1\frac{1}{2}$	160	—	—			
$\frac{3}{8}$	==	12	$4\frac{1}{2}$	106	8	3	}	$\frac{1}{2}$ Acre.	
$\frac{1}{4}$	==	8	3	160	—	—			
$\frac{1}{8}$	==	4	$1\frac{1}{2}$	320	—	—			
$\frac{3}{16}$	==	12	$4\frac{1}{2}$	90	—	—	}	3 Roods.	
$\frac{1}{8}$	==	8	3	120	—	—			
$\frac{1}{16}$	==	4	$1\frac{1}{2}$	240	—	—			
$\frac{1}{32}$	==	12	$4\frac{1}{2}$	213	4	$1\frac{1}{2}$	}	1 Acre.	
$\frac{1}{64}$	==	8	3	320	—	—			
$\frac{1}{128}$	==	4	$1\frac{1}{2}$	640	—	—			

THE EXPLICATION AND

Use of the following TABLES, WHICH CONTAIN

The Specific Gravity, or Weight of the several Bodies therein expressed, as the Weight of a solid Yard, of a solid Foot, of a Bushel, of an Ale Gallon, and of a Wine Gallon, with the Feet and Decimal Parts of a Foot that will make a hundred Weight of the several Sorts of Wood commonly used for Fuel.

Suppose the Weight of 20 square Yards of Gravel was required?

$$\begin{array}{r} 2)0)26).3521(2 \\ \underline{20} \\ 7.04240 \\ \underline{4} \\ 16960 \\ \underline{28} \\ 135680 \\ \underline{33920} \\ 474880 \end{array}$$

T. H. gr. lb.

Which is 26 7 0 4 $\frac{3}{4}$ very near.

Suppose the Weight of 20 square Feet of Oak was required?

$$\begin{array}{r} 57.9492188 \\ \underline{50} \\ 112)2897.4609400(25.87018 \\ \underline{224} \\ 657 \\ \underline{560} \\ 974 \\ \underline{896} \\ 786 \\ \underline{784} \\ 209 \\ \underline{112} \\ 974 \\ \underline{896} \\ 78 \end{array}$$

C. grs. lbs. 25 3 13 &c.

Suppose the Weight of 5 Quarters of Wheat is required?

$$\begin{array}{r} 60.34375 \\ \underline{40} \\ 112)2413.75000(21.55134 \\ \underline{224} \\ 173 \\ \underline{112} \\ 617 \\ \underline{560} \\ 575 \\ \underline{560} \\ 150 \\ \underline{112} \\ 380 \\ \underline{336} \\ 440 \\ \underline{448} \end{array}$$

C. grs. lbs. 21 2 5 $\frac{3}{4}$

Suppose the Weight of a Barrel or 34 Gallons of common Water is required?

$$\begin{array}{r} 10.2 \\ \underline{34} \\ 408 \\ \underline{306} \\ 112)3468(31.0973 \\ \underline{336} \\ 1080 \\ \underline{998} \\ 820 \\ \underline{784} \\ 360 \\ \underline{336} \\ 24 \end{array}$$

C. lbs. 3 10 $\frac{3}{4}$, &c.

Suppose

Suppose the Weight of a Hoghead
of Red Wine is required?

$$\begin{array}{r}
 8.29644531 \\
 \underline{63} \\
 2488933593 \\
 4977867186 \\
 112) 52267605453 (4.66675 \\
 \underline{443} \qquad \qquad \qquad \underline{4} \\
 746 \qquad \qquad \qquad 2.66700 \\
 \underline{672} \qquad \qquad \qquad \underline{28} \\
 746 \qquad \qquad \qquad 53.600 \\
 \underline{672} \qquad \qquad \qquad \underline{133400} \\
 756 \qquad \qquad \qquad 18.67600 \\
 \underline{672} \\
 840 \text{ C. grs. lbs.} \\
 \underline{784} \quad 4 \quad 2 \quad 18 \frac{1}{2} \text{ \&c.} \\
 565 \\
 \underline{561} \\
 4
 \end{array}$$

As to Wood-slacks, when the number of solid feet are found, the number of feet, or feet and decimal parts that make a hundred weight, is the divisor to convert that product into hundreds, and the quotient will be the answer in such weight, which is converted into tons by dividing again by 20.

N. B. In the different qualities and measures of oak, the wood is supposed to be found: and I have attained the weight of the different measures to the greatest exactness, which was done at no inconsiderable trouble and expence.

As to green-ash or elm, I make it a question whether it is much lighter than oak of the same quality, because it is more pory, so consequently fuller of sap; but then, here arises an objection, whether the sap of these woods are as heavy as that of oak; but it appears by the table, that common water is heavier than oak itself.

A T A B L E

A

T A B L E

O F A

Yard Solid of the Bodies below.
Avoirdupoize Weight.

		C.	C.	qrs.	lbs.	oz.
Gravel	—	26.35212	26	1	11	7
Common sand	—	20.54464	20	2	5	12

N. B. Common clay is by most people thought not to be quite so heavy a sand.

From long experience and many trials I have found that there may be a rule given to buy or sell stack'd wood by measure; so that a person who understands the art of measuring may nearly know the weight of a stack of wood, when in the pile, by this rule.

- 4 Feet solid of green oak, that is well stack'd will make an hundred weight.
- 4.25 Feet of ditto, ash or elm, &c. will produce the same.
- 4.25 Feet of dry oak, the same.
- 4.5 Feet of ditto, ash or elm, the same.

A T A B L E of a Foot Solid of the Bodies below. Avoirdupoize Weight.

	lbs.	Dec. parts.	C.	qrs.	lbs.	oz.	drs.
Fine marble — —	169.437409		1	2	1	6	11
Hard stone that will polish	137. —		1	—	25	—	—
Alabaster — —	141.3203125		1	1	1	5	2
Common Freestone — —	112. —		1	—	—	—	—
Gravel — — —	109.3125		—	3	25	5	—
Common sand — —	85.25		—	3	1	4	—
Green oak, common measure	77.8235086		—	2	21	13	$2\frac{82}{100}$
Dry oak, common measure	73.7535512		—	2	17	12	$\frac{91}{100}$
Newcastle coal — —	67.75		—	2	11	12	—
Pump water — —	62.7734375		—	2	6	12	$6\frac{4}{10}$
Green oak, true measure	61.3613282		—	2	5	5	$12\frac{5}{10}$
Wood ashes — —	58.3125		—	2	2	5	—
Sound dry oak, true measure	57.9492188		—	1	1	15	3
Bay salt — — —	54.0625		—	1	26	1	—
White pease — —	50.5		—	1	22	8	—
Field beans — —	50.5		—	1	22	8	—
Best wheat — —	48.5		—	1	20	8	—
Rye — — —	43.8		—	1	15	12	14
White sea salt — —	43.75		—	1	15	12	—
Barley — — —	41.125		—	1	13	2	—
Wheat meal, unfifted	31.		—	1	3	—	—
Common malt — —	30.25		—	1	2	4	—
White oats — —	29.5		—	1	1	8	—
Rye meal, unfifted — —	28.		—	1	—	—	—

A T A B L E of the Weight of a Bushel Statute Measure of the Bodies below. Avoirdupoize Weight.

	lbs.	oz.	drs.
Newcastle coal — — —	84.2929609	84	4 11
Wood ashes — — —	72.553125	72	8 $13\frac{6}{10}$
Bay salt — — —	67.265625	67	4 4
White pease — — —	62.83203125	62	13 5
Field beans — — —	62.83203125	62	13 5
Best wheat — — —	60.34375	60	5 8
Rye — — —	54.4960936	54	7 15
White sea salt — — —	54.42578125	54	6 14
Barley — — —	51.19375	51	1 12
Wheat meal, unfifted	38.5664063	38	9 1
Common malt — —	37.640625	37	10 4
White oats — —	36.703125	36	11 4
Rye meal, unfifted — —	34.2578125	34	4 2

The Weight of a Gallon, Ale or Beer Measure, of the Bodies below. Avoirdupoize Weight.

	lbs.	lbs.	oz.	drs.
Sea water ——— ———	10.484375	10	7	12
London (brew'd) ale ——— ———	10.7109375	10	11	6
Milk ——— ———	10.4140625	10	6	10
Urine ——— ———	10.3773438	10	6	$0\frac{6}{16}$
Common plain ale ——— ———	10.3578125	10	5	$11\frac{6}{16}$
Common (pump) water	10.199219	10	3	3

The Weight of a Gallon, Wine Measure, of the Bodies below. Avoirdupoize Weight.

	lbs.	lbs.	oz.	drs.
Beer vinegar ——— ———	8.5273438	8	8	7
Sack ——— ———	8.5253906	8	8	$6\frac{5}{16}$
Wine vinegar ——— ———	8.3203125	8	5	2
Red wine ——— ———	8.29644531	8	4	$11\frac{89}{100}$
Linfeed oil ——— ———	7.7734375	7	12	6
Proof spirits or French brandy	7.75	7	12	———
Oil olive ——— ———	7.62792969	7	10	$0\frac{75}{100}$
Oil turpentine ——— ———	6.0003125	6	——	$1\frac{8}{100}$

N. B. The oil-men sell but 7 lb. 8 oz. of oil olive for a gallon.

The Explication and Use of the TABLE of the daily Amount of Estates, Salaries, &c.

THE first column is titled yearly receipts, and in the second column is the daily amount in pounds and decimal parts, calculated to nine places of parts: and in the third column, is the same expressed in pounds, shillings, pence, farthings, and decimal parts of a farthing, to six places. These columns have the sign of equality betwixt them, to express and shew they are similar.

So that this table shews by inspection the daily amount of every such yearly receipt as is expressed in the table.

But where the table fails, or is found deficient, it supplies itself by entering the question a second or third time, as the case requires.

As suppose an annual receipt is 5393 *l.* What is the daily amount?

5000 *l.* is 13.698356164 *l.* per diem.

300 is .821917810 per diem.

90 is .246575342 per diem.

3 is .008219178 per diem.

14.775068494 Total per diem.

So that the daily amount of 5393 *l.* is 14.775068494 *l.* = to 14 *l.* 15 *s.* 6 *d.* 0. gr. 6575424 per diem.

And when the amount of any number of days are required, there is no more to do than to take the number of pounds and decimal parts and multiply them by the number of days, and the product is the answer in pounds and decimal parts of a pound sterling.

E X A M P L E.

Suppose the amount of 5393 *l.* per annum was required for 37 days.

Take the aforefaid

14.775068494

37 Days required.

103425479458

44325205482

546.677534278

20

13 550685560

12

1101371120

550685560

6.608226720

4

A T A B L E of the daily Amount of Estates, Salaries, Annuities, Pensions, &c.

Yearly Receipts.	Daily Amount in Pounds and Decimal Parts.	Equal to	£.	s.	d.	qr.
52000	142.465750685	=====	142	9	3	3.120657
51000	139.726027397	=====	139	14	6	0.986301
50000	136.986301370	=====	136	19	8	2.849315
49000	134.246575342	=====	134	4	11	0.712328
48000	131.506849315	=====	131	10	1	2.575342
47000	128.767123288	=====	128	15	4	0.438836
46000	126.027397260	=====	126	0	6	2.301369
45000	123.287671205	=====	123	5	9	0.164357
44000	120.547945205	=====	120	10	11	2.027397
43000	117.808219178	=====	117	16	1	3.890411
42000	115.068493150	=====	115	1	4	1.753424
41000	112.328767123	=====	112	6	6	3.616438
40000	109.589041096	=====	109	11	9	1.479452
39000	106.849315068	=====	106	16	11	3.342465
38000	104.109589041	=====	104	2	2	1.205479
37000	101.369863037	=====	101	7	4	3.068515
36000	98.630136986	=====	98	12	6	0.931506
35000	95.890410959	=====	95	17	9	2.794521
34000	93.150684931	=====	93	3	0	0.657534
33000	90.410958904	=====	90	8	2	2.520548
32000	87.671232877	=====	87	13	5	0.393562
31000	84.931506849	=====	84	18	7	2.246574
30000	82.191780822	=====	82	3	10	0.109589
29000	79.452054794	=====	79	9	0	1.972602
28000	76.712328767	=====	76	14	2	3.935616
27000	73.972602740	=====	73	19	5	1.698630
26000	71.232876712	=====	71	4	7	3.561643
25000	68.493150685	=====	68	9	10	1.424657
24000	65.753424657	=====	65	15	0	3.287671
23000	63.013698630	=====	63	0	3	1.150685
22000	60.273972603	=====	60	5	5	3.013699
21000	57.534246575	=====	57	10	8	0.876712
20000	54.794520548	=====	54	15	10	3.139726
19000	52.054794520	=====	52	10	11	2.027397
18000	49.315068493	=====	49	6	3	2.465753
17000	46.575342465	=====	46	11	6	0.328766
16000	43.835616438	=====	43	16	8	2.191780
15000	41.095890410	=====	41	1	11	0.054793
14000	38.356164384	=====	38	7	1	1.917808
13000	35.616438356	=====	35	12	3	3.780821
12000	32.876712329	=====	32	17	6	1.643835
11000	30.136986301	=====	30	2	8	3.506849
10000	27.397260274	=====	27	7	11	1.329863
9000	24.657534247	=====	24	13	1	3.232877
8000	21.923287671	=====	21	18	5	2.356164
7000	19.178082102	=====	19	3	6	2.958817
6000	16.438356164	=====	16	8	9	0.821917
5000	13.698356164	=====	13	13	11	2.421917
4000	10.958904109	=====	10	19	2	0.547944
3000	8.219178082	=====	8	4	4	2.410958
2000	5.479152055	=====	5	9	7	0.273972
1000	2.739726027	=====	2	14	9	2.136986

A T A B L E of the daily Amount of Estates, Salaries, Annuities, Pensions, &c.

Yearly Receipts.	Daily Amount in Pounds and Decimal Parts.	Equal to	£.	s.	d.	qr.
900	2.465753425	==	2	9	3	3.123288
800	2.191780822	==	2	3	10	0.109589
700	1.917808219	==	1	18	4	1.195890
600	1.643835342	==	1	12	10	2.081928
500	1.369863014	==	1	7	4	3.068493
400	1.095616438	==	1	1	1	3.298630
300	0.821917810	==	0	16	5	1.041098
200	0.547945200	==	0	10	11	2.027392
100	0.273972603	==	0	5	5	3.014699
90	0.246575342	==	0	4	11	0.712328
80	0.219178082	==	0	4	4	2.410958
70	0.191780822	==	0	3	10	0.109589
60	0.164380822	==	0	3	3	1.405589
50	0.136986301	==	0	2	8	3.506848
40	0.109589041	==	0	2	2	1.205479
30	0.082191780	==	0	1	7	2.904108
20	0.054794520	==	0	1	1	0.602739
10	0.027397260	==	0	0	6	2.301369
9	0.024657534	==	0	0	5	3.671232
8	0.021917808	==	0	0	5	1.041095
7	0.019178082	==	0	0	4	2.410959
6	0.016438356	==	0	0	3	3.780822
5	0.013698630	==	0	0	3	1.150733
4	0.010956164	==	0	0	2	2.517917
3	0.008219178	==	0	0	1	3.890411
2	0.005479542	==	0	0	1	1.260274
1	0.002739726	==	0	0	0	2.630137
s.						
15	0.00205479452	==	0	0	0	1.972603
10	0.00136986318	==	0	6	0	1.315068
5	0.0006849315	==	0	0	0	0.657534
2 6 d.	0.00034246652	==	0	0	0	0.328767

T A B L E S

F O R

Finding the INTEREST of MONEY

At 5, $4\frac{1}{2}$, 4, $3\frac{1}{2}$, 3, and $2\frac{1}{2}$, *per Cent.* without regard to the Sum, which all other Tables are confined to.

THESE tables consist of common factors, or multipliers, being the interest of one pound (expressed in decimal parts of a pound) from one day to any number of days less than a year, as also for three quarters of a year, half a year, a quarter of a year, and half a quarter of a year. So that by having the sum given, and the number of days the interest is required for, the answer is obtained in pounds and decimal parts of a pound by one multiplication.

Suppose the Interest of 10.000 *l.* was required at $3\frac{1}{2}$ *per Cent* for 262 Days.
The Decimal answering to 262 Days is ,0251232877
which multiplied by

10.000
Produceth 251,2328770000

Now to reduce the Decimals into Shillings, Pence, and Farthings
multiply
by

232877
20
4,657540
12
1315080
657540
7,890480
4
3,561920

So that the whole Interest of 10.000 *l.* at $3\frac{1}{2}$ *per Cent.* for 262 Days is
25 *l.* 4*s.* 7*d.* 3 *qr.* 561920

A TABLE of Common Factors, at 5 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.0001369863	7 W. 49	.0067123287	97	.0132876712
2	.0002739726	50	.0068493150	14 W. 98	.0134246575
3	.0004109589	51	.0069863013	99	.0135616438
4	.0005479452	52	.0071232876	100	.0136986301
5	.0006849315	53	.0072602739	101	.0138356164
6	.0008219178	54	.0073972602	102	.0139726027
1 Week. 7	.0009589041	55	.0075342465	103	.0141095890
8	.0010958904	8 W. 56	.0076712328	104	.0142465753
9	.0017328767	57	.0078082191	15 W. 105	.0143835616
10	.0013698630	58	.0079452054	106	.0145205479
11	.0015068493	59	.0080821917	107	.0146575342
12	.0016438356	60	.0082191780	108	.0147945205
13	.0017808219	61	.0083561644	109	.0149315068
2 W. 14	.0019178082	62	.0084931507	110	.0150684931
15	.0020547945	9 W. 63	.0086301370	111	.0152054794
16	.0021917808	64	.0087671233	16 W. 112	.0153424657
17	.0023287671	65	.0089041096	113	.0154794520
18	.0024657534	66	.0090410959	114	.0156164383
19	.0026027397	67	.0091780822	115	.0157534246
20	.0027397260	68	.0093150685	116	.0158904109
3 W. 21	.0028767123	69	.0094520548	117	.0160273972
22	.0030136986	10 W. 70	.0095890411	118	.0161643835
23	.0031506849	71	.0097260274	17 W. 119	.0163013698
24	.0032876712	72	.0098630137	120	.0164383561
25	.0034246575	73	.0100000000	121	.0165753424
26	.0035616438	74	.0101369863	122	.0167123287
27	.0036986301	75	.0102739726	123	.0168493150
4 W. 28	.0038356164	76	.0104109589	124	.0169863013
29	.0039726027	11 W. 77	.0105479452	125	.0171232876
30	.0041095890	78	.0106849315	18 W. 126	.0172602739
31	.0042465753	79	.0108219178	127	.0173972602
32	.0043835616	80	.0109589041	128	.0175342466
33	.0045205479	81	.0110958904	129	.0176712329
34	.0046575342	82	.0112328767	130	.0178082192
5 W. 35	.0047945205	83	.0113698630	131	.0179452055
36	.0049315068	12 W. 84	.0115068493	132	.0180821918
37	.0050684931	85	.0116438356	19 W. 133	.0182191781
38	.0052054794	86	.0117808219	134	.0183561644
39	.0053424657	87	.0119178082	135	.0184931507
40	.0054794520	88	.0120547945	136	.0186301370
41	.0056164383	89	.0121917808	137	.0187671233
6 W. 42	.0057534246	90	.0123287671	138	.0189041096
43	.0058904109	13 W. 91	.0124657534	139	.0190410959
44	.0060273972	92	.0126027397	20 W. 140	.0191780822
45	.0061643835	93	.0127397260	141	.0193150685
46	.0063013698	94	.0128767123	142	.0194520548
47	.0064383561	95	.0130136986	143	.0195890411
48	.0065753424	96	.0131506849	144	.0197260274

A TABLE of Common Factors, at 5 per Cent. per Annum,

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
145	.0198630137	194	.0265753424	243	.0332876712
146	.0200000000	195	.0267123287	244	.0334246575
21 W. 147	.0201369863	28 W. 196	.0268493150	35 W. 245	.0335616438
148	.0202739726	197	.0269863013	246	.0336986301
149	.0204109589	198	.0271232876	247	.0338356164
150	.0205479452	199	.0272602739	248	.0339726027
151	.0206849315	200	.0273972602	249	.0341095890
152	.0208219178	201	.0275342466	250	.0342465753
153	.0209589041	202	.0276712329	251	.0343835616
22 W. 154	.0210958904	29 W. 203	.0278082192	36 W. 252	.0345205479
155	.0212328767	204	.0279452055	253	.0346575342
156	.0213698630	205	.0280821918	254	.0347945205
157	.0215068493	206	.0282191781	255	.0349315068
158	.0216438356	207	.0283561644	256	.0350684931
159	.0217808219	208	.0284931507	257	.0352054794
160	.0219178082	209	.0286301317	258	.0353424657
23 W. 161	.0220547945	30 W. 210	.0287671233	37 W. 259	.0354794520
162	.0221917808	211	.0289041096	260	.0356164383
163	.0223287671	212	.0290410959	261	.0357534246
164	.0224657534	213	.0291780822	262	.0358904109
165	.0226027397	214	.0293150685	263	.0360273972
166	.0227397260	215	.0294520548	264	.0361643835
167	.0228767123	216	.0295890411	265	.0363013698
24 W. 168	.0230136986	31 W. 217	.0297260274	38 W. 266	.0364383561
169	.0231406849	218	.0298630137	267	.0365753424
170	.0232876712	219	.0300000000	268	.0367123287
171	.0234246575	220	.0301369863	269	.0368493110
172	.0235616438	221	.0302739726	270	.0369863013
173	.0236986301	222	.0304109589	271	.0371232876
174	.0238356164	223	.0305479452	272	.0372602739
25 W. 175	.0239726027	32 W. 224	.0306849315	39 W. 273	.0373972602
176	.0241095890	225	.0308219178	274	.0375342466
177	.0242465753	226	.0309589041	275	.0376712329
178	.0243835616	227	.0310958904	276	.0378082192
179	.0245205479	228	.0312328767	277	.0379452055
180	.0246575342	229	.0313698630	278	.0380821918
181	.0247945205	230	.0315068493	279	.0382191781
26 W. 182	.0249315068	33 W. 231	.0316438356	40 W. 280	.0383561644
183	.0250684931	232	.0317808219	281	.0384931507
184	.0252054794	233	.0319178082	282	.0386301370
185	.0253424657	234	.0320547945	283	.0387671233
186	.0254794520	235	.0321917808	284	.0389041096
187	.0256164383	236	.0323287671	285	.0390410959
188	.0257534246	237	.0324657534	286	.0391780822
27 W. 189	.0258804109	34 W. 238	.0326027397	41 W. 287	.0393150685
190	.0260273972	239	.0327397260	288	.0394520548
191	.0261643835	240	.0328767123	289	.0395890411
192	.0263013698	241	.0330136986	290	.0397260274
193	.0264383561	242	.0331506849	291	.0398630137

A TABLE of Common Factors. at 5 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
292	.0400000000	320	.0438356164	348	.0476712329
293	.0401369863	321	.0439726027	249	.0478082192
42 W. 294	.0402739726	46 W. 322	.0441095890	50 W. 350	.0479452055
295	.0404109589	323	.0442465753	351	.0480821918
296	.0405479452	324	.0443835616	352	.0482191781
297	.0406849315	325	.0445205479	353	.0483561644
298	.0408219178	326	.0446575342	354	.0484931507
299	.0409589041	327	.0447945205	355	.0486301370
300	.0410958904	328	.0449315068	356	.0487671233
43 W. 301	.0412328767	47 W. 329	.0450684931	51 W. 357	.0489041096
302	.0413698630	330	.0452054794	358	.0490410959
303	.0415068493	331	.0453424657	359	.0491780822
304	.0416438356	332	.0454794520	360	.0493150685
305	.0417808219	333	.0456164383	361	.0494520548
306	.0419178082	334	.0457534246	362	.0495890411
307	.0420547945	335	.0458904109	363	.0497260274
44 W. 308	.0421917808	48 W. 336	.0460273972	52 W. 364	.0498630137
309	.0423287671	337	.0461643835	1 Year. 365	.0500000000
310	.0424657534	338	.0463013698		
311	.0426027397	339	.0464383561	$\frac{3}{4}$ of a Year. }	.0375
312	.0427397260	340	.0465753424	$\frac{1}{2}$ a Year. }	.025
313	.0428767123	341	.0467123287	A $\frac{1}{4}$ of a Year. }	.0125
314	.0430136986	342	.0468493150	$\frac{1}{8}$ of a Year. }	.00625
45 W. 315	.0431506849	49 W. 343	.0469863013		
316	.0432876712	344	.0471232876		
317	.0434246575	345	.0472602739		
318	.0435616438	346	.0473972602		
319	.0436986301	347	.0475342466		

A TABLE

A TABLE of Common Factors at $4\frac{1}{2}$ per Cent. per Annum

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.00012328767	50	.00616438356	99	.01220547945
2	.00024657534	51	.00628767123	100	.01232876712
3	.00036986301	52	.00641095890	101	.01245205479
4	.00049315068	53	.00653424657	102	.01257534246
5	.00061643835	54	.00665753424	103	.01269863014
6	.00073972603	55	.00678082192	104	.01282191781
1 Week. 7	.00086301370	8 W. 56	.00690410959	15 W. 105	.01294520548
8	.00098630137	57	.00702739726	106	.01306849315
9	.00010958904	58	.00715068493	107	.01319178082
10	.00123287671	59	.00727397260	108	.01331506849
11	.00135616438	60	.00745726027	109	.01343835616
12	.00147945205	61	.00752054704	110	.01356164383
13	.00160273972	62	.00764383561	111	.01368493151
2 W. 14	.00172602739	9 W. 63	.00776712329	16 W. 112	.01380821918
15	.00184931507	64	.00789041096	113	.01393150685
16	.00197260274	65	.00801369863	114	.01405479452
17	.00209589041	66	.00813698630	115	.01417808219
18	.00221917808	67	.00826027397	116	.01430136986
19	.00234246575	68	.00838356154	117	.01442465753
20	.00246575342	69	.00850684921	118	.01454794520
3 W. 21	.00258904109	10 W. 70	.00863013698	17 W. 119	.01467123288
22	.00271232876	71	.00875342466	120	.01479452055
23	.00283561644	72	.00887671233	121	.01491780822
24	.00285890410	73	.00900000000	122	.01504109589
25	.00308219178	74	.00912328767	123	.01516438356
26	.00320547945	75	.00924657534	124	.01528767123
27	.00332876712	76	.00936986301	125	.01541095890
4 W. 28	.00345205479	11 W. 77	.00949315068	18 W. 126	.01553424657
29	.00357534246	78	.00961643835	127	.01565753425
30	.00369863013	79	.00973972603	128	.01578082192
31	.00382191781	80	.00986301370	129	.01590410959
32	.00394520548	81	.00998630137	130	.01602739726
33	.00406849315	82	.01010958904	131	.01615068493
34	.00419178082	83	.01023287671	132	.01627397260
5 W. 35	.00431506849	12 W. 84	.01035616438	19 W. 133	.01639726027
36	.00443835616	85	.01047945205	134	.01652054793
37	.00456164383	86	.01060273972	135	.01664383562
38	.00468493150	87	.01072602740	136	.01676712329
39	.00480821918	88	.01084931507	137	.01689041096
40	.00493150685	89	.01097260274	138	.01701369863
41	.00505479452	90	.01109589041	139	.01713698630
6 W. 42	.00517808219	13 W. 91	.01121917808	20 W. 140	.01726027397
43	.00530136986	92	.01134246575	141	.01738356164
44	.00542465753	93	.01146575342	142	.01750684931
45	.00554794520	94	.01158904109	143	.01763013698
46	.00567123287	95	.01171232877	144	.01775342466
47	.00579452055	96	.01183561644	145	.01787671233
48	.00591780822	97	.01195890411	146	.01800000000
7 W. 49	.00604109589	14 W. 98	.01208219178	21 W. 147	.01812328767

A TABLE of Common Factors, at $4\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
148	.01824657534	28W. 196	.02416438356	244	.03008219178
149	.01836986301	197	.02428767123	35W. 245	.03020547945
150	.01849315068	198	.02441095890	246	.03032876712
151	.01861643835	199	.02453424657	247	.03045205479
152	.01873972603	200	.02465753425	248	.03057534246
153	.01886301370	201	.02478082192	249	.03069863014
22W. 154	.01898630137	202	.02490410959	250	.03082191781
155	.01910958904	29W. 203	.02502739726	251	.03094520547
156	.01923287671	204	.02515068493	36W. 252	.03106849315
157	.01935616438	205	.02527397260	253	.03119178082
158	.01947945205	206	.02539726027	254	.03131506849
159	.01960273973	207	.02552054794	255	.03143835616
160	.01972602740	208	.02564383562	256	.03156164383
23W. 161	.01984931507	209	.02576712329	257	.03168493151
162	.01997260274	30W. 210	.02589041096	258	.03180821918
163	.02009589041	211	.02601369863	37W. 259	.03193150685
164	.02021917808	212	.02613698630	260	.03205479452
165	.02034246575	213	.02626027397	261	.03417808219
166	.02046575342	214	.02638356164	262	.03230136986
167	.02058904109	215	.02650684931	263	.03242465753
24W. 168	.02071232877	216	.02663013699	264	.03254794520
169	.02083561644	31W. 217	.02675342466	265	.03267123288
170	.02095890411	218	.02687671233	38W. 266	.03279452055
171	.02108219178	219	.02700000000	267	.03291780822
172	.02120547945	220	.02712328767	268	.03304109589
173	.02132876712	221	.02724657534	269	.03316438356
174	.02145205479	222	.02736986301	270	.03328767123
25W. 175	.02157534246	223	.02749315068	271	.03341095890
176	.02169863014	32W. 224	.02761643835	272	.03353424657
177	.02182191781	225	.02773972603	39W. 273	.03365753425
178	.02194520548	226	.02786301370	274	.03378082192
179	.02206849315	227	.02798630137	275	.03390410959
180	.02219178082	228	.02810958904	276	.03402739726
181	.02231506849	229	.02823287671	277	.03415068493
26W. 182	.02243835616	230	.02835616438	278	.03427397260
183	.02256164383	33W. 231	.02847945205	279	.03439726027
184	.02268493151	232	.02860273972	40W. 280	.03452054794
185	.02280821918	233	.02872602740	281	.03464383562
186	.02293150685	234	.02884931507	282	.03476712329
187	.02305479452	235	.02897260274	283	.03489041096
188	.02317808219	236	.02909589041	284	.03501369863
27W. 189	.02330136986	237	.02921917808	285	.03513698630
190	.02342465753	34W. 238	.02934246575	286	.03526027397
191	.02354794520	239	.02946575342	41W. 287	.03538356164
192	.02367123288	240	.02958904109	288	.03550684931
193	.02379452055	241	.02971232877	289	.03563013699
194	.02391780822	242	.02983561644	290	.03575342466
195	.02404109589	243	.02995890411	291	.03587671233

A TABLE of Common Factors, at $4\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
292	.036000000000	320	.03945205479	348	.04290410960
293	.03612328767	321	.03957534246	349	.04302739726
42W. 294	.03624657534	46W. 322	.03969863014	50W. 350	.04315068493
295	.03636986301	323	.03982191781	351	.04327397260
296	.03649315068	324	.03994520548	352	.04339726027
297	.03661643836	325	.04006849315	353	.04352054794
298	.03673972603	326	.04019178082	354	.04364383562
299	.03686301370	327	.04031506849	355	.04376712329
300	.03698630137	328	.04043835616	356	.04389041096
43W. 301	.03710958904	47W. 329	.04056164383	51W. 357	.04401369863
302	.03723287671	330	.04068493151	358	.04413698630
303	.03735616438	331	.04080821918	359	.04426027397
304	.03747945205	332	.04093150685	360	.04438356164
305	.03760273972	333	.04105479452	361	.04450684931
306	.03772602740	334	.04117808219	362	.04463013699
307	.03784931507	335	.04130136986	363	.04475342466
44W. 308	.03797260274	48W. 336	.04142465753	52W. 364	.04487671233
309	.03809589041	337	.04154794520	1Year 365	.04500000000
310	.03821917808	338	.04167123288		
311	.03834246575	339	.04179452055	$\frac{3}{4}$ of a } .03375	
312	.03846575342	340	.04191780822	Year. }	
313	.03858904109	341	.04204109589	$\frac{1}{2}$ a Year. .0225	
314	.03871232877	342	.04216438356	$\frac{1}{4}$ of a } .01125	
45W. 315	.03883561644	49W. 343	.04228767123	Year. }	
316	.03895890411	344	.04241095890	$\frac{1}{8}$ of a } .005625	
317	.03908219178	345	.04253424657	Year. }	
318	.03920547945	346	.04265753425		
319	.03932876712	347	.04278082192		

A TABLE

A TABLE of Common Factors, at 4 *per Cent. per Annum.*

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.00010958904	7 W. 49	.00536986301	97	.01063013699
2	.00021917808	50	.00547945205	14 W. 98	.01073972603
3	.00032876712	51	.00558904109	99	.01084931507
4	.00043835616	52	.00569863014	100	.01095890411
5	.00054794520	53	.00580821918	101	.01106849315
6	.00065753424	54	.00591780822	102	.01117808219
1 Week. 7	.00076712329	55	.00602739726	103	.01128767123
8	.00087671233	8 W. 56	.00613698630	104	.01139726027
9	.00098630137	57	.00624657534	15 W. 105	.01150684931
10	.00109589041	58	.00635616438	106	.01161643836
11	.00120547945	59	.00646575342	107	.01172602740
12	.00131500849	60	.00657534246	108	.01183561644
13	.00142465753	61	.00668493151	109	.01194520548
2 W. 14	.00153424057	62	.00679452055	110	.01205479452
15	.00164383561	9 W. 63	.00690410959	111	.01216438356
16	.00175342466	64	.00701369863	16 W. 112	.01227397260
17	.00186301370	65	.00712328767	113	.01238356164
18	.00197260274	66	.00723287671	114	.01249315068
19	.00208219178	67	.00734246575	115	.01260273972
20	.00219178082	68	.00745205479	116	.01271232877
3 W. 21	.00230136986	69	.00756164383	117	.01282191781
22	.00241095890	10 W. 70	.00767123288	118	.01293150685
23	.00252054794	71	.00778082192	17 W. 119	.01304109589
24	.00263013698	72	.00789041096	120	.01315068493
25	.00273972603	73	.00800000000	121	.01326027397
26	.00284931507	74	.00810958904	122	.01336986301
27	.00295890411	75	.00821917808	123	.01347945205
4 W. 28	.00306849315	76	.00832876712	124	.01358904109
29	.00317808219	11 W. 77	.00843835616	125	.01369863014
30	.00328767123	78	.00854794520	18 W. 126	.01380821918
31	.00339726027	79	.00865753425	127	.01391780822
32	.00350684931	80	.00876712329	128	.01402739726
33	.00361643835	81	.00887671233	129	.01412698630
34	.00372602740	82	.00898630137	130	.01424657534
5 W. 35	.00383561644	83	.00909589041	131	.01435616438
36	.00394520548	12 W. 84	.00920547945	132	.01446575342
37	.00405479452	85	.00931506849	19 W. 133	.01457534246
38	.00416438356	86	.00942465753	134	.01468493151
39	.00427397260	87	.00953424657	135	.01479452055
40	.00438356164	88	.00964383562	136	.01490410959
41	.00449315068	89	.00975342466	137	.01501369863
6 W. 42	.00460273972	90	.00986301370	138	.01512328767
43	.00471232877	13 W. 91	.00997260274	139	.01523287671
44	.00482191781	92	.01008219178	20 W. 140	.01534246575
45	.00493150685	93	.01019178082	141	.01545205479
46	.00504109589	94	.01030136986	142	.01556164383
47	.00515068493	95	.01041095890	143	.01567123288
48	.00526027397	96	.01052054794	144	.01578082192

A TABLE of Common Factors, at 4 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
145	.01589041096	193	.02115368493	241	.02641905890
146	.01600000000	194	.02126027397	242	.02652054794
21 W. 147	.01610958904	195	.02136986301	243	.02663013699
148	.01621917808	28 W. 196	.02147945205	244	.02673972603
149	.01632876712	197	.02158904110	35 W. 245	.02684931507
150	.01643835616	198	.02169863014	246	.02695890411
151	.01654794520	199	.02180821918	247	.02706849315
152	.01665753425	200	.02191780822	248	.02717808219
153	.01676712329	201	.02202739726	249	.02728767123
22 W. 154	.01687671233	202	.02213698630	250	.02739726027
155	.01698630137	29 W. 203	.02224657534	251	.02750684931
156	.01709589041	204	.02235616438	36 W. 252	.02761643836
157	.01720547945	205	.02246575342	253	.02772602740
158	.01731506849	206	.02257534247	254	.02783561644
159	.01742465753	207	.02268493151	255	.02794520548
160	.01753424657	208	.02279452055	256	.02805479452
23 W. 161	.01764383562	209	.02290410959	257	.02816438356
162	.01775342466	30 W. 210	.02301369863	258	.02827397260
163	.01786301370	211	.02312328767	37 W. 259	.02838356164
164	.01797260274	212	.02323287671	260	.02849315068
165	.01808219178	213	.02334246575	261	.02860273973
166	.01819178082	214	.02345205479	262	.02871232877
167	.01830136986	215	.02356164383	263	.02882191781
24 W. 168	.01841095890	216	.02367723288	264	.02893150685
169	.01852054794	31 W. 217	.02378082192	265	.02904109589
170	.01863013699	218	.02389041096	38 W. 266	.02915068493
171	.01873972603	219	.02400000000	267	.02926027397
172	.01884931507	220	.02410958904	268	.02936986301
173	.01895890411	221	.02421917808	269	.02947945205
174	.01906849315	222	.02432876712	270	.02958904110
25 W. 175	.01917808219	223	.02443835616	271	.02969863014
176	.01928767123	32 W. 224	.02454794520	272	.02980821918
177	.01939726027	225	.02465753425	39 W. 273	.02991780822
178	.01950684931	226	.02476712329	274	.03002739726
179	.01961643836	227	.02487671233	275	.03013698630
180	.01972602740	228	.02498630137	276	.03024657534
181	.01983561644	229	.02509589041	277	.03035616438
26 W. 182	.01994520548	230	.02520547945	278	.03046575342
183	.02005479452	33 W. 231	.02531506849	279	.03057534247
184	.02016438356	232	.02542465753	40 W. 280	.03068493151
185	.02027397260	233	.02553424657	281	.03079452055
186	.02038356164	234	.02564383562	282	.03090410959
187	.02049315068	235	.02575342466	283	.03101369863
188	.02060273973	236	.02586301370	284	.03112328767
27 W. 189	.02071232877	237	.02597260274	285	.03123287671
190	.02082191781	34 W. 238	.02608219178	286	.03134246575
191	.02093150685	239	.02619178082	41 W. 287	.03145205479
192	.02104105989	240	.02630136986	288	.03156164384

A TABLE of Common Factors, at 4 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
289	.03167123288	318	.03484931507	347	.03802739726
290	.03178082191	319	.03495890411	348	.03813698630
291	.03189041096	320	.03506849315	349	.03824657534
292	.03200000000	321	.03517808219	50W. 350	.03835616438
293	.03210958904	46W. 322	.03528767123	351	.03846575343
42W. 294	.03221917808	323	.03539726027	352	.03857534247
295	.03232876712	324	.03550684932	353	.03868493151
296	.03243835616	325	.03561643836	354	.03879452055
297	.03254794521	326	.03572602740	355	.03890410959
298	.03265753425	327	.03583561644	356	.03901369863
299	.03276712329	328	.03594520548	51W. 357	.03912328767
300	.03287671233	47W. 329	.03605479452	358	.03923287671
43W. 301	.03298630137	330	.03616438356	359	.03934246575
302	.03309589041	331	.03627397260	360	.03945205480
303	.03320547945	332	.03638356164	361	.03956164384
304	.03331506849	333	.03649315069	362	.03967123288
305	.03342465753	334	.03660273973	363	.03978082192
306	.03353424658	335	.03671232877	52W. 364	.03989041096
307	.03364383562	48W. 336	.03682191781	1 Year 365	.04000000000
44W. 308	.03375342466	337	.03693150685		
309	.03386301370	338	.03704109589		
310	.03397260274	339	.03715068493	$\frac{3}{4}$ of a Year. }	.03000000000
311	.03408219178	340	.03720027397	$\frac{1}{2}$ a Year. }	.02000000000
312	.03419178082	341	.03736986301	$\frac{1}{4}$ of a Year. }	.01000000000
313	.03430136986	342	.03747945206	$\frac{1}{8}$ of a Year. }	.00500000000
314	.03441095890	49W. 343	.03758904110		
45W. 315	.03452054795	344	.03769863014		
316	.03463013699	345	.03780821918		
317	.03473972603	346	.03791780822		

A TABLE

A TABLE of Common Factors, at $3\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.0000958904	7 W. 49	.0046986301	97	.0093013699
2	.0001917808	50	.0047945205	14 W. 98	.0093972603
3	.0002876712	51	.0048904109	99	.0094931507
4	.0003835616	52	.0049863014	100	.0095890411
5	.0004794520	53	.0050821918	101	.0096849315
6	.0005753424	54	.0051780822	102	.0097808219
1 Week. 7	.0006712329	55	.0052739726	103	.0098767123
8	.0007671233	8 W. 56	.0053698630	104	.0099726027
9	.0008630137	57	.0054657534	15 W. 105	.0100684931
10	.0009589041	58	.0055616438	106	.0101643836
11	.0010547945	59	.0056575342	107	.0102602740
12	.0011506849	60	.0057534246	108	.0103561644
13	.0012465753	61	.0058493151	109	.0104520548
2 W. 14	.0013424657	62	.0059452055	110	.0105479452
15	.0014383561	9 W. 63	.0060410959	111	.0106438356
16	.0015342466	64	.0061369863	16 W. 112	.0107397260
17	.0016301370	65	.0062328767	113	.0108356164
18	.0017260274	66	.0063287571	114	.0109315068
19	.0018219178	67	.0064246575	115	.0110273972
20	.0019178082	68	.0065205479	116	.0111232877
3 W. 21	.0020136986	69	.0066164383	117	.0112191781
22	.0021095890	10 W. 70	.0067123288	118	.0113150685
23	.0022054794	71	.0068082192	17 W. 119	.0114109589
24	.0023013698	72	.0069041096	120	.0115068493
25	.0023972603	73	.0070000000	121	.0116027397
26	.0024931507	74	.0070958904	122	.0116986301
27	.0025890411	75	.0071917808	123	.0117945205
4 W. 28	.0026849315	76	.0072876712	124	.0118904110
29	.0027808219	11 W. 77	.0073835616	125	.0119863014
30	.0028767123	78	.0074794520	18 W. 126	.0120821918
31	.0029726027	79	.0075753425	127	.0121780822
32	.0030684931	80	.0076712329	128	.0122739726
33	.0031643835	81	.0077671233	129	.0123698630
34	.0032602740	82	.0078630137	130	.0124657534
5 W. 35	.0033561644	83	.0079589041	131	.0125616438
36	.0034520548	12 W. 84	.0080547945	132	.0126575342
37	.0035479452	85	.0081506849	19 W. 133	.0127534247
38	.0036438356	86	.0082465753	134	.0128493151
39	.0037397260	87	.0083424657	135	.0129452055
40	.0038356164	88	.0084383562	136	.0130410959
41	.0039315068	89	.0085342466	137	.0131369863
6 W. 42	.0040273972	90	.0086301370	138	.0132328767
43	.0041232877	13 W. 91	.0087260274	139	.0133287071
44	.0042191781	92	.0088219178	20 W. 140	.0134246575
45	.0043150685	93	.0089178082	141	.0135205479
46	.0044109589	94	.0090136986	142	.0136164383
47	.0045068493	95	.0091095890	143	.0137123288
48	.0046027397	96	.0092054794	144	.0138082129

A TABLE of Common Factors, at $3\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
	145 .0139041096	193 .0185068493		241 .0231095890	
	146 .0140000000	194 .0186027397		242 .0232054795	
21 W.	147 .0140958904	195 .0186986301		243 .0233013699	
	148 .0141917808	28 W. 196 .0187945205		244 .0233972603	
	149 .0142876712	197 .0188904110	35 W.	245 .0234931507	
	150 .0143835616	198 .0189863014		246 .0235890411	
	151 .0144794520	199 .0190821918		247 .0236849315	
	152 .0145753425	200 .0191780822		248 .0237808219	
	153 .0146712329	201 .0192739726		249 .0238767120	
22 W.	154 .0147671233	202 .0193698630		250 .0239726027	
	155 .0148630137	29 W. 203 .0194657534		251 .0240684932	
	156 .0149589041	204 .0195616438	36 W.	252 .0241643836	
	157 .0150547945	205 .0196575342		253 .0242602740	
	158 .0151506849	206 .0197534247		254 .0243561644	
	159 .0152465753	207 .0198493151		255 .0244520548	
	160 .0153424657	208 .0199452055		256 .0245479452	
23 W.	161 .0154383562	209 .0200410959		257 .0246438356	
	162 .0155342466	30 W. 210 .0201369863		258 .0247397260	
	163 .0156301370	211 .0202328767	37 W.	259 .0248356164	
	164 .0157260274	212 .0203287671		260 .0249315068	
	165 .0158219178	213 .0204246575		261 .0250273973	
	166 .0159178082	214 .0205205479		262 .0251232877	
	167 .0160136986	215 .0206164384		263 .0252191781	
24 W.	168 .0161095890	216 .0207123288		264 .0253150685	
	169 .0162054794	31 W. 217 .0208082192		265 .0254109589	
	170 .0163013699	218 .0209041096	38 W.	266 .0255068493	
	171 .0163972603	219 .0210000000		267 .0256027397	
	172 .0164931507	220 .0210958904		268 .0256986301	
	173 .0165890411	221 .0211917808		269 .0257945205	
	174 .0166849315	222 .0212876712		270 .0258904110	
25 W.	175 .0167808219	223 .0213835616		271 .0259863014	
	176 .0168767123	32 W. 224 .0214794521		272 .0260821918	
	177 .0169726027	225 .0215753425	39 W.	273 .0261780822	
	178 .0170684931	226 .0216712329		274 .0262739726	
	179 .0171643836	227 .0217671233		275 .0263698630	
	180 .0172602740	228 .0218630137		276 .0264657534	
	181 .0173561644	229 .0219589041		277 .0265616438	
26 W.	182 .0174520548	230 .0220547945		278 .0266575342	
	183 .0175479452	33 W. 231 .0221506849		279 .0267534247	
	184 .0176438356	232 .0222465753	40 W.	280 .0268493151	
	185 .0177397260	233 .0223424658		281 .0269452055	
	186 .0178356164	234 .0224383562		282 .0270410959	
	187 .0179315068	235 .0225342466		283 .0271369863	
	188 .0180273973	236 .0226301370		284 .0272328767	
27 W.	189 .0181232877	237 .0227260274		285 .0273287671	
	190 .0182191781	34 W. 238 .0228219178		286 .0274246575	
	191 .0183150685	239 .0229178082	41 W.	287 .0275205479	
	192 .0184109589	240 .0230136986		288 .0276164384	

A TABLE of Common Factors, at $3\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
289	.0277123288	317	.0303972603	345	.0330821918
290	.0278082192	318	.0304931507	346	.0331780822
291	.0279041096	319	.0305890411	347	.0332739726
292	.0280000000	320	.0306849315	348	.0333698630
293	.0280958904	321	.0307808219	349	.0334657534
42 W. 294	.0281917808	46 W. 322	.0308767123	50 W. 350	.0335616438
295	.0282876712	323	.0309726027	351	.0336575343
296	.0283835616	324	.0310684932	352	.0337534247
297	.0284794521	325	.0311643836	353	.0338493151
298	.0285753425	326	.0312602740	354	.0339452055
299	.0286712329	327	.0313561644	355	.0340410959
300	.0287671233	328	.0314520548	356	.0341369863
43 W. 301	.0288630137	47 W. 329	.0315479452	51 W. 357	.0342328767
302	.0289589041	330	.0316438356	358	.0343287671
303	.0290547945	331	.0317397260	359	.0344246575
304	.0291506849	332	.0318356164	360	.0345205479
305	.0292465753	333	.0319315069	361	.0346164384
306	.0293424658	334	.0320273973	362	.0347123288
307	.0294383562	335	.0321232877	363	.0348082192
44 W. 308	.0295342466	48 W. 336	.0322191781	52 W. 364	.0349041096
309	.0296301370	337	.0323150685	1 Year 365	.0350000000
310	.0297260274	338	.0324109589		
311	.0298219178	339	.0325068493		
312	.0299178082	340	.0326027397	$\frac{3}{4}$ of a Year.	.0262500000
313	.0300136986	341	.0326986301	$\frac{1}{2}$ a Year.	.0175000000
314	.0301095890	342	.0327945206	$\frac{1}{4}$ of a Year.	.0087500000
45 W. 315	.0302054795	49 W. 343	.0328904110	$\frac{1}{8}$ of a Year.	.0043750000
316	.0303013699	344	.0329863014		

A TABLE of Common Factors, at 3 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.00008219178	7 W. 49	.00402739726	97	.00797260274
2	.00016438356	50	.00410958904	14 W. 98	.00805479452
3	.00024657534	51	.00419178082	99	.00813698630
4	.00032876712	52	.00427387260	100	.00821917808
5	.00041095890	53	.00435606438	101	.00830136986
6	.00049315068	54	.00443825616	102	.00838356164
1 Week. 7	.00057534246	55	.00452044794	103	.00846575342
8	.00065753425	8 W. 56	.00460263972	104	.00854794520
9	.00073972603	57	.00468483151	15 W. 105	.00863013699
10	.00082191781	58	.00476702329	106	.00871232877
11	.00090410959	59	.00484921507	107	.00879452055
12	.00098630137	60	.00493150685	108	.00887671233
13	.00106849315	61	.00501369863	109	.00895890411
2 W. 14	.00115068493	62	.00509589041	110	.00904109589
15	.00123287671	9 W. 63	.00517808219	111	.00912328767
16	.00131506849	64	.00526027397	16 W. 112	.00920547945
17	.00139726027	65	.00534246575	113	.00928767123
18	.00147945205	66	.00542465753	114	.00936986301
19	.00156164383	67	.00550684931	115	.00945205479
20	.00164383562	68	.00558904109	116	.00953424657
3 W. 21	.00172602740	69	.00567123288	117	.00961643836
22	.00180821918	10 W. 70	.00575342466	118	.00969863014
23	.00189041096	71	.00583561644	17 W. 119	.00978082192
24	.00197260274	72	.00591780822	120	.00986301370
25	.00205479452	73	.00600000000	121	.00994520548
26	.00213698630	74	.00608219178	122	.01002739726
27	.00221917808	75	.00616438356	123	.01010958904
4 W. 28	.00230136986	76	.00624657534	124	.01019178082
29	.00238356164	11 W. 77	.00632876712	125	.01027397260
30	.00246575342	78	.00641095890	18 W. 126	.01035616438
31	.00254794520	79	.00649315068	127	.01043835616
32	.00263013699	80	.00657534246	128	.01052054794
33	.00271232877	81	.00665753425	129	.01060273972
34	.00279452055	82	.00673972603	130	.01068493151
5 W. 35	.00287671233	83	.00682191781	131	.01076712329
36	.00295890411	12 W. 84	.00690410959	132	.01084931507
37	.00304109589	85	.00698630137	19 W. 133	.01093150685
38	.00312328767	86	.00706849315	134	.01101379863
39	.00320547945	87	.00715068493	135	.01109589041
40	.00328767123	88	.00723287671	136	.01117808219
41	.00336986301	89	.00732506849	137	.01126027397
6 W. 42	.00345205479	90	.00739726027	138	.01134246575
43	.00353424657	13 W. 91	.00747945205	139	.01142465753
44	.00361643835	92	.00756164383	20 W. 140	.01150684931
45	.00369863014	93	.00764383562	141	.01158904109
46	.00378082192	94	.00772602740	142	.01167123288
47	.00386301370	95	.00780821918	143	.01175342466
48	.00394520548	96	.00789041096	144	.01183561644

A TABLE of Common Factors, at 3 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
145	.01191780822	193	.01586301370	241	.01980821918
146	.01200000000	194	.01594520548	242	.01989041096
21 W. 147	.01208219178	195	.01602739726	243	.01997260274
148	.01216438356	28 W. 196	.01610958904	244	.02005479452
149	.01224657534	197	.01619178082	35 W. 245	.02013698030
150	.01232876712	198	.01627397260	246	.02021917808
151	.01241095890	199	.01635616438	247	.02030136986
152	.01249315068	200	.01643835616	248	.02038356164
153	.01257534246	201	.01652054794	249	.02046575342
22 W. 154	.01265753425	202	.01660273972	250	.02054794520
155	.01273972603	29 W. 203	.01668493151	251	.02063013699
156	.01282191781	204	.01676712329	36 W. 252	.02071232877
157	.01290410959	205	.01684931507	253	.02079452055
158	.01298630137	206	.01693150685	254	.02087671233
159	.01306849315	207	.01701369863	255	.02095890411
160	.01315068493	208	.01709589041	256	.02104109589
23 W. 161	.01323287671	209	.01717808219	257	.02112328767
162	.01331506849	30 W. 210	.01726027397	258	.02120547945
163	.01339726027	211	.01734246575	37 W. 259	.02128767123
164	.01347945205	212	.01742465753	260	.02136986301
165	.01356164383	213	.01750684931	261	.02145205479
166	.01364385562	214	.01758904109	262	.02153424657
167	.01372602740	215	.01767123288	263	.02161643835
24 W. 168	.01380821918	216	.01775342466	264	.02169863014
169	.01389041096	31 W. 217	.01783561644	265	.02178082192
170	.01397260274	218	.01791780822	38 W. 266	.02186301370
171	.01405479452	219	.01800000000	267	.02194520548
172	.01413698630	220	.01808219178	268	.02202739726
173	.01421917808	221	.01816438356	269	.02210958904
174	.01430136986	222	.01824657534	270	.02219178082
25 W. 175	.01438356164	223	.01832876712	271	.02227397260
176	.01446575342	32 W. 224	.01841095890	272	.02235615438
177	.01454794520	225	.01849315068	39 W. 273	.02243835616
178	.01463013699	226	.01857534246	274	.02252054794
179	.01471232877	227	.01865753424	275	.02260273972
180	.01479452055	228	.01873972603	276	.02268493151
181	.01487671233	229	.01882191781	277	.02276712329
26 W. 182	.01495890411	230	.01890410959	278	.02284931507
183	.01504109589	33 W. 231	.01898630137	279	.02293150685
184	.01512328767	232	.01906849315	40 W. 280	.02301369863
185	.01520547945	233	.01915068493	281	.02309589041
186	.01528767123	234	.01923287671	282	.02317808219
187	.01536986301	235	.01931506849	283	.02326027397
188	.01545205479	236	.01939726027	284	.02334246575
27 W. 189	.01553424657	237	.01947945205	285	.02342465753
190	.01561643836	34 W. 238	.01956164383	286	.02350684931
191	.01569863014	239	.01964383562	41 W. 287	.02358904109
192	.01578082192	240	.01972602740	288	.02367123288

A TABLE of Common Factors, at 3 per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
289	.02375342466	317	.02605479452	345	.02835616438
290	.02383561644	318	.02613698630	346	.02843835616
291	.02391780822	319	.02621917808	347	.02852054794
292	.02400000000	320	.02630136986	348	.02860273972
293	.02408219178	321	.02638356164	349	.02868493151
42W. 294	.02416438356	46W. 322	.02646575342	50W. 350	.02876712329
295	.02424657534	323	.02654794520	351	.02884931507
296	.02432876712	324	.02663013698	352	.02893150685
297	.02441095890	325	.02671232877	353	.02901369863
298	.02449315068	326	.02679452055	354	.02909589041
299	.02457534246	327	.02687671233	355	.02917808219
300	.02465753425	328	.02695890411	356	.02926027397
43W. 301	.02473972603	47W. 329	.02704109589	51W. 357	.02934246575
302	.02482191781	330	.02712328767	358	.02942465753
303	.02490410959	331	.02720547945	359	.02950684931
304	.02498630137	332	.02728767123	360	.02958904109
305	.02506849315	333	.0273698601	361	.02967123288
306	.02515068493	334	.02745205479	362	.02975342466
307	.02523287671	335	.02753424657	363	.02983561644
44W. 308	.02531506849	48W. 336	.02761643835	52W. 364	.02991780822
309	.02539726027	337	.02769863014	1 Year 365	.03000000000
310	.02547945225	338	.02778082192		
311	.02556164383	339	.02786301370	$\frac{3}{4}$ of a Year	.02250000000
312	.02564383562	340	.02794520548	$\frac{1}{2}$ a Year.	.01500000000
313	.02572602740	341	.02802739726	$\frac{1}{4}$ of a Year.	.00750000000
314	.02580821918	342	.02810958904	$\frac{1}{8}$ of a Year.	.00375000000
45W. 315	.02589041096	49W. 343	.02819178082		
316	.02597260274	344	.02827397260		

A TABLE

A TABLE of Common Factors, at $2\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
1	.00006849315	7 W. 49	.00335616438	97	.00664383562
2	.00013698630	50	.00342465753	14 W. 98	.00671232877
3	.00020547945	51	.00349315068	99	.00678082192
4	.00027397260	52	.00356164383	100	.00684931507
5	.00034246575	53	.00363013698	101	.00691780822
6	.00041095890	54	.00369863014	102	.00698630137
1 Week. 7	.00047945205	55	.00376712329	103	.00705479452
8	.00054794520	8 W. 56	.00383561644	104	.00712328767
9	.00061643835	57	.00390410959	15 W. 105	.00719178082
10	.00068493151	58	.00397260274	106	.00726027397
11	.00075342466	59	.00404109589	107	.00732876712
12	.00082191781	60	.00410958904	108	.00739726027
13	.00089041096	61	.00417808219	109	.00746575342
2 W. 14	.00095890411	62	.00424657534	110	.00753424657
15	.00102739726	9 W. 63	.00431506849	111	.00760273972
16	.00109589041	64	.00438356164	16 W. 112	.00767123288
17	.00116438356	65	.00445205479	113	.00773972603
18	.00123287671	66	.00452054794	114	.00780821918
19	.00130136986	67	.00458904109	115	.00787671233
20	.00136986301	68	.00465753425	116	.00794520548
3 W. 21	.00143835616	69	.00472602740	117	.00801369863
22	.00150684931	10 W. 70	.00479452055	118	.00808219178
23	.00157534246	71	.00486301370	17 W. 119	.00815068493
24	.00164383562	72	.00493150685	120	.00821917808
25	.00171232877	73	.00500000000	121	.00828767123
26	.00178082192	74	.00506849315	122	.00835616438
27	.00184931507	75	.00513698630	123	.00842465753
4 W. 28	.00191780822	76	.00520547945	124	.00849315068
29	.00198630137	11 W. 77	.00527397260	125	.00856164383
30	.00205479452	78	.00534246575	18 W. 126	.00863013699
31	.00212328767	79	.00541095890	127	.00869863014
32	.00219177082	80	.00547945205	128	.00876712329
33	.00226026397	81	.00554794520	129	.00883561644
34	.00232876712	82	.00561643835	130	.00890410959
5 W. 35	.00239726027	83	.00568493151	131	.00897260274
36	.00246575342	12 W. 84	.00575342466	132	.00904109589
37	.00253424658	85	.00582191781	15 W. 133	.00910958904
38	.00260273972	86	.00589041096	134	.00917808219
39	.00267123288	87	.00595890411	135	.00924657534
40	.00273972603	88	.00602739726	136	.00931506849
41	.00280821918	89	.00609589081	137	.00938356164
6 W. 42	.00287671233	90	.00616438356	138	.00945205479
43	.00294520548	13 W. 91	.00623287671	139	.00951054794
44	.00301369863	92	.00630136986	20 W. 140	.00958904109
45	.00308219178	93	.00636986301	141	.00965753425
46	.00315068493	94	.00643835616	142	.00972602740
47	.00321917808	95	.00650684931	143	.00979452055
48	.00328767123	96	.00657534246	144	.00986301370

A TABLE of Common Factors, at $2\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
145	.00993150685	193	.01321917808	241	.01650684931
146	.01000000000	194	.01328767123	242	.01657534246
21W. 147	.01006849315	195	.01335616438	243	.01664383562
148	.01013698630	28W. 196	.01342465753	244	.01671232877
149	.01020547945	197	.01349315068	35W. 245	.01678082192
150	.01027397260	198	.01356164385	246	.01684931507
151	.01034246575	199	.01363013699	247	.01691780822
152	.01041095809	200	.01369863014	248	.01698630137
153	.01047945203	201	.01376712329	249	.01705479452
22W. 154	.01054794520	202	.01383561644	250	.01712328767
155	.01061643836	29W. 203	.01390410959	251	.01719178082
156	.01068493151	204	.01397260274	36W. 252	.01726027397
157	.01075342466	205	.01404100589	253	.01732876712
158	.01082191781	206	.01410959904	254	.01739726027
159	.01089041096	207	.01417808219	255	.01746575342
160	.01095890411	208	.01424657534	256	.01753424657
23W. 161	.01102739726	209	.01431506849	257	.01760273973
162	.01109589041	30W. 210	.01438356164	258	.01767123288
163	.0111648856	211	.01445205479	37W. 259	.01773972603
164	.01123287671	212	.01452054794	260	.01780821917
165	.01130136986	213	.01458904109	261	.01787671233
166	.01137986301	214	.01465753425	262	.01794520548
167	.0114483516	215	.01472502740	263	.01801369863
24W. 168	.01150684931	216	.01479452055	264	.01808219178
169	.01157534246	31W. 217	.01486301370	265	.01815068493
170	.01164383562	218	.01493150685	38W. 266	.01821917808
171	.01171232877	219	.01500000000	267	.01828767123
172	.01178082192	220	.01506849315	268	.01836516438
173	.01184931507	221	.01513698630	269	.01842465753
174	.01191780822	222	.01520547945	270	.01849315068
25W. 175	.01198630137	223	.01527397260	271	.01856164383
176	.01205479458	32W. 224	.01534246575	272	.01863013699
177	.01212328767	225	.01541095890	39W. 273	.01869863014
178	.01219178082	226	.01547945203	274	.01876712329
179	.01226027397	227	.01554794520	275	.01883561644
180	.01232876712	228	.01561643836	276	.01890410959
181	.0123972627	229	.01568493151	277	.01897260274
26W. 182	.01246575342	230	.01575342466	278	.01904109589
183	.01253424659	33W. 231	.01582191781	279	.0191095904
184	.01260273973	232	.01589041096	40W. 280	.01917808219
185	.01267123288	233	.01595890411	281	.01924657534
186	.01273972603	234	.01602739726	282	.01931506849
187	.01280821918	235	.01609589041	283	.01938356164
188	.01287671233	236	.01616438356	284	.01945204579
27W. 189	.01294510548	237	.01623287671	285	.01952054794
190	.01301369863	34W. 238	.01630136986	286	.01958904109
191	.01308219178	239	.01636986301	41W. 287	.01965753425
192	.01315068493	240	.01643835616	288	.01972602740

A TABLE of Common Factors, at $2\frac{1}{2}$ per Cent. per Annum.

Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.	Days and Weeks.	Common Factors.
289	.01979452055	318	.02178082192	147	.02376712329
290	.01986301370	319	.02184831507	348	.02383561644
291	.01993150685	320	.02191780822	249	.02390410959
292	.02000000000	321	.02198630137	50W. 350	.02397260274
293	.02006849315	46W. 322	.02205479452	351	.02404109589
42W. 294	.02013698630	323	.02212328767	352	.02410958904
295	.02020547945	324	.02219178082	353	.02417808219
296	.02027397260	325	.02226027397	354	.02424657534
297	.02034246575	326	.02232876712	355	.02431506849
298	.02041095890	327	.02239726027	356	.02438356164
299	.02048945205	328	.02246575342	51W. 357	.02445205479
300	.02054794520	47W. 329	.02253424657	358	.02452054794
43W. 301	.02061643836	330	.02260273973	359	.02458904109
302	.02068493151	331	.02267123288	360	.02465753425
303	.02075342466	332	.02273972603	361	.02472602740
304	.02082191781	333	.02280821918	362	.02479452055
305	.02089041696	334	.02287671233	363	.02486301370
306	.02095890411	335	.02294520458	52W. 364	.02493150685
307	.02102739726	48W. 336	.02301369863	1 Year 365	.02500000000
44W. 308	.02109589041	337	.02308219178		
309	.02116438356	338	.02315068493		
310	.02123287671	339	.02321917808	$\frac{3}{4}$ of a Year. }	.01875000000
311	.02130136986	340	.02328767123	$\frac{1}{2}$ a Year. }	.01250000000
312	.02136986301	341	.02335616438	$\frac{1}{4}$ of a Year. }	.00625000000
313	.02143835616	342	.02342465753	$\frac{1}{8}$ of a Year. }	.00312500000
314	.02150684931	49W. 343	.02349315068		
45W. 315	.02157534246	344	.02356164383		
316	.02164383562	345	.02363013699		
317	.02171232877	346	.02369863014		

THE EXPLICATION

AND

Use of the TABLE,

OF THE

Amount of one Pound for one Year,

At 5, $4\frac{1}{2}$, 4, $3\frac{1}{2}$, 3, and $2\frac{1}{2}$ *per Cent. per Annum*, Compound Interest.

BY the following table, the amount of any sum of money, for any number of years not exceeding 99, is found by one multiplication.

Suppose the amount of 10,000*l.* for 30 years is required at $3\frac{1}{2}$ *per Cent. per Annum*.

Take 2.8057224779 the tabular number against 30 years at $3\frac{1}{2}$ *per Cent*, and multiply it by 10,000*l.* the product is the answer in pounds and decimal parts.

$$\begin{array}{r} 2.8057224779 \\ 10000 \end{array}$$

$$\begin{array}{r} 28057.2247790000 \\ 20 \end{array}$$

$$\begin{array}{r} 4.4955800000 \\ 12 \end{array}$$

$$\begin{array}{r} 5.9469600000 \\ 4 \end{array}$$

$$3.7878400000$$

So that 10,000*l.* forborn 30 years, and at $3\frac{1}{2}$ *per Cent.* amounts to 2805*l.* 4*s.* 5*d.* 3*qr.* 78, &c.

Compound

Compound Interest at 5 per Cent. per Annum. Compound Interest at $4\frac{1}{2}$ per Cent. per Annum.

Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.
1	1.05	51	12.0407697708	1	1.045	51	9.4391044498
2	1.1025	52	12.6428082592	2	1.092025	52	9.8638641500
3	1.157625	53	13.2749486721	3	1.141166125	53	10.0307738036
4	1.21550625	54	13.9386961057	4	1.1925186006	54	10.7715862470
5	1.2762815625	55	14.6356309110	5	1.2461819376	55	11.2563076281
6	1.3400956406	56	15.3674124564	6	1.3022601247	56	11.7628414713
7	1.4071004226	57	16.1357830792	7	1.3608618300	57	12.2921693375
8	1.4774554437	58	16.9425722331	8	1.4221006123	58	12.8453169576
9	1.5513282159	59	17.7897008447	9	1.4860951398	59	13.4233562206
10	1.6288946267	60	18.6791858869	10	1.5529694210	60	14.0274072505
11	1.7103393580	61	19.6131451812	11	1.6228530449	61	14.6586405767
12	1.7958563259	62	20.5938024402	12	1.6958814319	62	15.3182794026
13	1.8856491422	63	21.6234925622	13	1.7721960963	63	16.0076019757
14	1.9799315993	64	22.7046671903	14	1.8519449206	64	16.7279540640
15	2.0789281793	65	23.8399005498	15	1.9352824410	65	17.4807015468
16	2.1828745883	66	25.0318955622	16	2.0223701508	66	18.2673331164
17	2.2920183177	67	26.2834903403	17	2.1133768075	67	19.0893631066
18	2.4066192335	68	27.5976648573	18	2.2084787639	68	19.9483844463
19	2.5269501952	69	28.9775481001	19	2.3078602082	69	20.8460617463
20	2.6532977050	70	30.4264255051	20	2.4117139175	70	21.7841345248
21	2.7859625902	71	31.9477467803	21	2.5202410437	71	22.7644205784
22	2.9252607197	72	33.5451341193	22	2.6336518906	72	23.7888195044
23	3.0715237558	73	35.2223908252	23	2.7521662254	73	24.8593163820
24	3.2250999434	74	36.9835103664	24	2.8760137055	74	25.9779856191
25	3.3863549405	75	38.8326858847	25	3.0054343122	75	27.1469549719
26	3.5556726874	76	40.7743201789	26	3.1406788562	76	28.3686097456
27	3.7334563218	77	42.8130361878	27	3.2820094047	77	29.6451971841
28	3.9201291378	78	44.9536879971	28	3.4296998279	78	30.9792310573
29	4.1161355946	79	47.2013723969	29	3.5840363301	79	32.3732964548
30	4.3219423742	80	49.5614410167	30	3.7453179545	80	33.8300947952
31	4.5880394929	81	52.0395130678	31	3.9138572624	81	35.3524490689
32	4.7649414675	82	54.6414887208	32	4.0899808392	82	36.9433092686
33	5.0031885409	83	57.3735651568	33	4.2740299769	83	38.6057581856
34	5.2533479670	84	60.2422413146	34	4.4663613258	84	40.3430173039
35	5.5160153662	85	63.2543533803	35	4.6673475854	85	42.1584530825
36	5.7918161344	86	66.4170710493	36	4.8773782267	86	44.0555834712
37	6.0814069412	87	69.7379246017	37	5.0968602469	87	46.0380847274
38	6.3854772882	88	73.2248208317	38	5.3262189580	88	48.1097985400
39	6.7047511526	89	76.8860618732	39	5.5658988111	89	50.2747394744
40	7.0399887102	90	80.7303649668	40	5.8163642575	90	52.5371027507
41	7.3919881457	91	84.7668832151	41	6.0781006490	91	54.9012723744
42	7.7615875530	92	89.0052273758	42	6.3516151782	92	57.3718296312
43	8.1496669305	93	93.4554887445	43	6.6374378612	93	59.9535619646
44	8.5571502770	94	98.1282631817	44	6.9361225649	94	62.6514722530
45	8.9850077908	95	103.0346763407	45	7.2482480803	95	65.4707885043
46	9.4342581803	96	108.1864101577	46	7.5744192439	96	68.4169739869
47	9.9059710890	97	113.5957306655	47	7.9152681098	97	71.4957378163
48	10.4012696434	98	119.2754171987	48	8.2714551748	98	74.7130460180
49	10.9213331256	99	125.2391880586	49	8.6436706576	99	78.0751330888
50	11.4673997818			50	9.0326358372		

Compound Interest at 4 per Cent. per Annum. Compound Interest at 3 $\frac{1}{2}$ per Cent. per Annum.

Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.
1	1.04	51	7.3898690795	1	1.0350000000	51	5.7804198516
2	1.0816	52	7.6854638427	2	1.0712250000	52	5.9827345464
3	1.124864	53	7.9928823964	3	1.1087178750	53	6.1921302555
4	1.16985856	54	8.3125976923	4	1.1475230006	54	6.4088548145
5	1.2166529124	55	8.6451015999	5	1.1876863056	55	6.6331647330
6	1.2653190185	56	8.9909056639	6	1.2292553263	56	6.8653254986
7	1.3159317792	57	9.3505418905	7	1.2722792627	57	7.1056118910
8	1.3685690504	58	9.7245635661	8	1.3168090369	58	7.3543083072
9	1.4233118124	59	10.1135461088	9	1.3628973532	59	7.6117090979
10	1.4802442849	60	10.5180879531	10	1.4195987605	60	7.8781189161
11	1.5394540562	61	10.9388114712	11	1.4599697171	61	8.1538530785
12	1.6010322185	62	11.3763639301	12	1.5110686571	62	8.4392379362
13	1.6650735072	63	11.8314184873	13	1.5639560600	63	8.7346112639
14	1.7316764475	64	12.3046752268	14	1.6186945221	64	9.0403226582
15	1.8009435054	65	12.7968622358	15	1.6753488303	65	9.3567339512
16	1.8729812457	66	13.3087367253	16	1.7330860393	66	9.6842196395
17	1.9479004955	67	13.8410861943	17	1.7946755506	67	10.0231673269
18	2.0258165153	68	14.3947296420	18	1.8574891948	68	10.3829781833
19	2.1068491759	69	14.9705188277	19	1.9225013166	69	10.7463824197
20	2.1911231430	70	15.5693395808	20	1.9897888626	70	11.1225058043
21	2.2787680687	71	16.1921131640	21	2.0594314727	71	11.5117935074
22	2.3699187914	72	16.8397976906	22	2.1315115742	72	11.9147062801
23	2.4647155431	73	17.5133895982	23	2.2061144792	73	12.3317209999
24	2.5633041648	74	18.2139251821	24	2.2833284859	74	12.7633312348
25	2.6658363314	75	18.9424821894	25	2.3632449829	75	13.2100478280
26	2.7724697847	76	19.7001814770	26	2.4459585573	76	13.6723995019
27	2.8833685760	77	20.4881887360	27	2.5315671068	77	14.1509334844
28	2.9987033191	78	21.3077162855	28	2.6191719555	78	14.6462161563
29	3.1186514518	79	22.1600249369	29	2.7108429739	79	15.1588337217
30	3.2433975099	80	23.0464259344	30	2.8057224779	80	15.6893929019
31	3.3731334103	81	23.9682829717	31	2.9039227047	81	16.2385216534
32	3.5080587467	82	24.9270142905	32	3.0055600614	82	16.8068699112
33	3.6483810965	83	25.9240948621	33	3.1107546635	83	17.3951103581
34	3.7943163403	84	26.9610586566	34	3.2196310767	84	18.0039392205
35	3.9460389939	85	28.0395010029	35	3.3323181643	85	18.6340770932
36	4.1039325537	86	29.1610810430	36	3.4389493000	86	19.2862697914
37	4.2680898558	87	30.3275242847	37	3.5593125255	87	19.9612892341
38	4.4388134501	88	31.5406252561	38	3.6838884638	88	20.6599343572
39	4.6163659881	89	32.8022502663	39	3.8128245600	89	21.3830320596
40	4.8016206276	90	34.1143402770	40	3.9462734196	90	22.1314381815
41	4.9930614527	91	35.4789138880	41	4.0843929892	91	22.9060385178
42	5.1927839108	92	36.8980704436	42	4.2273467438	92	23.7077498659
43	5.4004952672	93	38.3739932613	43	4.3753038798	93	24.5375211112
44	5.6165150779	94	39.9089529918	44	4.5433577526	94	25.3963343501
45	5.8411756810	95	41.5053111114	45	4.7023752739	95	26.2852060522
46	6.0748227082	96	43.1655235559	46	4.8669584085	96	27.2051882640
47	6.3178156165	97	44.8921442981	47	5.0373019527	97	28.1573698532
48	6.5705282412	98	46.6878300700	48	5.2136075209	98	29.1428777980
49	6.8323493709	99	48.5553432728	49	5.3960837841	99	30.1628785209
50	7.1056433457			50	5.5849467165		

Compound Interest at 3 per
Cent. per Annum.Compound Interest at 2 $\frac{1}{2}$ per
Cent. per Annum.

Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.	Years.	Amounts of 1 £.
1	1.03	51	4.5154231948	1	1.025	51	3.5230364342
2	1.0609	52	4.6508858906	2	1.050625	52	3.6111123450
3	1.092727	53	4.7904124673	3	1.076890625	53	3.7013901536
4	1.12550881	54	4.9341248413	4	1.1038128906	54	3.7939249074
5	1.1592740743	55	5.0821485865	5	1.1314082129	55	3.8887730300
6	1.1940522965	56	5.2346130440	6	1.1596934181	56	3.9859923557
7	1.2298738654	57	5.3916514353	7	1.1886857535	57	4.0856421646
8	1.2667700812	58	5.5534009783	8	1.2184028973	58	4.1877832187
9	1.3047731836	59	5.7200030076	9	1.2488629697	59	4.2924777991
10	1.3439163791	60	5.8916030978	10	1.2800845439	60	4.3997897440
11	1.3842338704	61	6.0683511907	11	1.3120866575	61	4.5097844876
12	1.4257608865	62	6.2504017264	12	1.3448888238	62	4.6225390997
13	1.4685337131	63	6.4379137781	13	1.3785110444	63	4.7381025772
14	1.5125897244	64	6.6310511914	14	1.4029738204	64	4.8565551415
15	1.5579674160	65	6.8299827271	15	1.4482981659	65	4.9779690200
16	1.6047064385	66	7.0348822089	16	1.4845056200	66	5.1024182455
17	1.6528476316	67	7.2459286751	17	1.5216182605	67	5.2299787016
18	1.7024330605	68	7.4633065353	18	1.5596587170	68	5.3307281691
19	1.7535060523	69	7.6872057313	19	1.5986501849	69	5.4947463733
20	1.8061112338	70	7.9178219032	20	1.6386164393	70	5.6321150326
21	1.8602545708	71	8.1553565602	21	1.6795818505	71	5.7729179084
22	1.9161034079	72	8.4000172570	22	1.7215713966	72	5.9172408561
23	1.9735865101	73	8.6520177747	23	1.7646106815	73	6.0651718775
24	2.0327941054	74	8.9115783079	24	1.8087259485	74	6.2168011744
25	2.0937779285	75	9.1789256571	25	1.8539440972	75	6.3722212037
26	2.1565912663	76	9.4542934268	26	1.9002926996	76	6.5315267338
27	2.2212890042	77	9.7379222296	27	1.9478000171	77	6.6948149020
28	2.2879276743	78	10.0300598964	28	1.9964950174	78	6.8621852745
29	2.3565655045	79	10.3360916932	29	2.0464037928	79	7.0337399063
30	2.4272624696	80	10.6408905439	30	2.0975675776	80	7.2095834039
31	2.5000803436	81	10.9601172602	31	2.1500067670	81	7.3898229890
32	2.5750827539	82	11.2889207780	32	2.2037569361	82	7.5745685636
33	2.6523352365	83	11.6275884013	33	2.2588508595	83	7.7639327777
34	2.7319052935	84	11.9764160533	34	2.3153221309	84	7.9580310970
35	2.8138624523	85	12.3357085348	35	2.3732051841	85	8.1569818744
36	2.8982783258	86	12.7057797908	36	2.4325353137	86	8.3609064212
37	2.9852266755	87	13.0869531845	37	2.4933486965	87	8.5699290817
38	3.0747834757	88	13.4795617800	38	2.5556824139	88	8.7841713087
39	3.1670269799	89	13.8839486334	39	2.6195744742	89	9.0037817414
40	3.2620377892	90	14.3004670924	40	2.6850638360	90	9.2288762849
41	3.3598989228	91	14.7294811051	41	2.7521904319	91	9.4595981920
42	3.4606958904	92	15.1713655382	42	2.8209951927	92	9.6960881468
43	3.5645167671	93	15.6265065043	43	2.8915200724	93	9.9384903504
44	3.6714522701	94	16.0953016994	44	2.9638080742	94	10.1869526091
45	3.7815950246	95	16.5781607503	45	3.0379032760	95	10.4416264243
46	3.8950437133	96	17.0755055728	46	3.1138508579	96	10.7026670849
47	4.0118950246	97	17.5877707399	47	3.1916971293	97	10.9702337620
48	4.1322511875	98	18.1154038620	48	3.2714895575	98	11.2444896060
49	4.2562194315	99	18.6588659778	49	3.3532767964	99	11.5256018461
50	4.3839060144			50	3.4371087163		

THE
E X P L I C A T I O N
A N D
U S E of the T A B L E
O F
C O M P O U N D A N N U I T I E S.

IF an annuity of 50*l.* payable by yearly payments for 20 years, be all forborn until the end of the term, what will that amount unto? Compound interest being computed at the rate of $3\frac{1}{2}$ *per Cent. per Annum.*

Look in the table for 20, in the column titled years, and right under $3\frac{1}{2}$ *per Cent.* you have the number 27.987124382, which multiplied by 50, the number of pounds, the product is the answer in pounds and decimal parts.

$$\begin{array}{r}
 27.987124382 \\
 \times 50 \\
 \hline
 1399.356219100 \\
 \times 20 \\
 \hline
 7.124382000 \\
 \times 12 \\
 \hline
 1.492584000 \\
 \times 4 \\
 \hline
 1.970336000
 \end{array}$$

So that the amount is 1399*l.* 7*s.* 1*d.* 1*qr.* 97, &c.

A T A B L E

S H E W I N G

What one Pound Annuity, payable by yearly Payments, and forborn any Number of Years under 31, will amount unto, at the End of the Term, compound Interest being computed at any of these Rates, that is to say, at 5, 4½, 4, per Cent. per Annum.

Years.	At 5 per Cent.	Years.	At 4½ per Cent.	Years.	At 4 per Cent.
1	1.0000000000	1	1.0000000000	1	1.0000000000
2	2.0500000000	2	2.0450000000	2	2.0400000000
3	3.1525000000	3	3.1369250000	3	3.1216000000
4	4.3101250000	4	4.278086625	4	4.2464640000
5	5.5256312500	5	5.4706005231	5	5.4163225600
6	6.8019128125	6	6.7167775466	6	6.6329754624
7	8.1420084531	7	8.0190325361	7	7.8982944808
8	9.5491088757	8	9.3798990001	8	9.2142262600
9	11.0265643194	9	10.8019944551	9	10.5827953104
10	12.5778925353	10	12.2880842055	10	12.0061071228
11	14.2067871620	11	13.8410479947	11	13.4863514077
12	15.9171265201	12	15.4639951544	12	15.0258054640
13	17.7129828461	13	17.1598749363	13	16.6268376825
14	19.5986319884	14	18.9320693084	14	18.2919111898
15	21.5785635878	15	20.7840124272	15	20.0235876373
16	23.6574917671	16	22.7199929862	16	21.8245311427
17	25.8403663554	17	24.7416611706	17	23.6975123884
18	28.1323846731	18	26.8550359232	18	25.6454128839
19	30.5390039067	19	29.0635125397	19	27.6712293992
20	33.0659541020	20	31.3713706039	20	29.7780785751
21	35.7192518071	21	33.7830822810	21	31.9692017181
22	38.5052143974	22	36.3033209836	22	34.2479697868
23	41.4304751172	23	38.9369704278	23	36.6178885782
24	44.5019988730	24	41.6891340970	24	39.0826041213
25	47.7270988166	25	44.5651451313	25	41.6459082861
26	51.1134537574	26	47.5705766622	26	44.3117446175
27	54.6691264452	27	50.7112526119	27	47.0842144022
28	58.4025827674	28	53.9932589794	28	49.9675829782
29	62.3227119057	29	57.4229556334	29	52.9662862978
30	66.4388475009	30	61.0069886369	30	56.0849377491

A T A B L E S H E W I N G

What one Pound Annuity, payable by yearly Payments, and forborn any Number of Years under 31, will amount unto, at the end of the Term, compound Interest being computed at any of these Rates, that is to say, at $3\frac{1}{2}$, 3, $2\frac{1}{2}$, per Cent. per Annum.

Years.	At $3\frac{1}{2}$ per Cent.	Years.	At 3 per Cent.	Years.	At $2\frac{1}{2}$ per Cent.
1	1.0000000000	1	1.0000000000	1	1.0000000000
2	2.0350000000	2	2.0300000000	2	2.0250000000
3	3.1062250000	3	3.0909000000	3	3.0756250000
4	4.2149428750	4	4.1836270000	4	4.1525156250
5	5.3624658726	5	5.3091358100	5	5.2563285156
6	6.5501521812	6	6.4684098843	6	6.3877367284
7	7.5694075075	7	7.6624621808	7	7.5474301466
8	8.8343367702	8	8.8923360462	8	8.7361159002
9	10.1435385471	9	10.1591061275	9	9.9545186977
10	11.4985623962	10	11.4638793113	10	11.2033816651
11	12.9010120800	11	12.8077956906	11	12.4834662067
12	14.3620475028	12	14.1920295613	12	13.7955428618
13	15.8747191653	13	15.6177904481	13	15.1404314333
14	17.4303343360	14	17.0863241615	14	16.5189422191
15	19.0403960317	15	18.5989138863	15	17.9329157745
16	20.7068098928	16	20.1568813028	16	19.3812386688
17	22.4315482390	17	21.7615877418	17	20.8657696355
18	24.2266824273	18	23.4144353740	18	22.3874138763
19	26.0745163112	19	25.1168684352	19	23.9470992232
20	27.9871243820	20	26.8703744882	20	25.5457767037
21	29.9316737353	21	28.6764857228	21	27.1844211212
22	31.9792823160	22	30.5367802944	22	28.8640316492
23	33.0884571970	23	32.4528837032	23	30.5856324404
24	35.2465531988	24	34.4264702142	24	32.3502732514
25	37.4701825607	25	36.4592643206	25	34.1590300826
26	39.7816389503	26	38.5530422502	26	36.0130058346
27	42.1739963135	27	40.7096345177	27	37.9133309804
28	44.6500861844	28	42.9309235532	28	39.8511642549
29	47.2128392008	29	45.2188512597	29	41.8474433612
30	49.8652885728	30	47.5754167974	30	43.8836294452

THE
E X P L I C A T I O N
A N D
U S E of the T A B L E
O F
R E B A T E.

LET it be required to find how much ready money will discharge a debt of 1000 *l.* payable at the end of ten years to come, by rebating $3\frac{1}{2}$ *per Cent. per Annum*, compound interest.

Against 10, under years at $3\frac{1}{2}$ *per Cent.* is .708837, which shews that 1 *l.* due at the end of 10 years to come, is worth no more in present money than .708837 decimal parts of a pound, rebate being made at the rate of the above said compound interest.

Therefore multiply the said tabular number by 1000, the product will be the answer required.

$$\begin{array}{r}
 .708837 \\
 \times 1000 \\
 \hline
 708.837000 \\
 \times 20 \\
 \hline
 14.17674000 \\
 \times 12 \\
 \hline
 16.90448000 \\
 \times 4 \\
 \hline
 67.93792000 \\
 \hline
 1.920000
 \end{array}$$

So that it appears that 1000 *l.* due at the end of 10 years, is worth in present money no more than 708 *l.* 16 *s.* 8 *d.* 1 *qr.* 92 rebate being accounted at $3\frac{1}{2}$ *per Cent.* compound interest.

A T O I T A B L E

WHICH SHEWETH

What one Pound, payable at the End of any Term of Years to come not exceeding 30, is worth in ready Money, Discount or Rebate being yearly computed at any of the following Rates, viz. 5, $4\frac{1}{2}$, 4, $3\frac{1}{2}$, 3, and $2\frac{1}{2}$ per Cent. per Annum, compound Interest.

Years.	At 5 per Cent.	Years.	At $4\frac{1}{2}$ per Cent.	Years.	At 4 per Cent.	Years.	At $3\frac{1}{2}$ per Cent.	Years.	At 3 per Cent.	Years.	At $2\frac{1}{2}$ per Cent.
1	.952381	1	.956937	1	.961538	1	.966183	1	.970873	1	.975609
2	.907029	2	.915729	2	.924556	2	.933510	2	.942595	2	.951813
3	.863837	3	.876295	3	.888996	3	.901942	3	.915140	3	.928598
4	.822702	4	.838559	4	.854802	4	.871345	4	.888485	4	.905851
5	.783526	5	.802448	5	.821927	5	.841879	5	.862606	5	.883757
6	.740215	6	.767892	6	.790314	6	.813409	6	.837481	6	.862201
7	.710681	7	.734824	7	.759917	7	.785902	7	.813088	7	.841171
8	.676839	8	.703180	8	.730690	8	.759325	8	.789405	8	.820654
9	.644608	9	.672899	9	.702586	9	.733647	9	.766412	9	.800638
10	.613913	10	.643922	10	.675564	10	.708837	10	.744089	10	.781110
11	.584679	11	.616193	11	.649580	11	.684866	11	.722416	11	.762058
12	.556837	12	.589658	12	.624596	12	.661706	12	.701304	12	.743471
13	.530321	13	.564266	13	.600573	13	.639329	13	.680945	13	.725337
14	.505067	14	.539967	14	.577474	14	.617709	14	.661111	14	.707645
15	.481017	15	.516714	15	.555264	15	.596824	15	.641855	15	.690385
16	.458111	16	.494463	16	.533908	16	.576641	16	.623160	16	.673546
17	.436296	17	.473170	17	.513373	17	.557141	17	.605009	17	.657118
18	.415520	18	.452794	18	.493628	18	.538300	18	.587387	18	.641090
19	.395733	19	.433295	19	.474642	19	.520096	19	.570278	19	.625453
20	.376889	20	.414636	20	.456386	20	.502508	20	.553668	20	.610198
21	.358942	21	.399645	21	.438833	21	.485515	21	.537541	21	.595315
22	.341849	22	.382435	22	.421955	22	.469096	22	.521884	22	.580795
23	.325571	23	.365966	23	.405726	23	.453232	23	.506683	23	.566629
24	.310067	24	.350206	24	.390121	24	.437905	24	.482216	24	.552808
25	.295302	25	.335125	25	.375116	25	.423096	25	.468170	25	.539324
26	.281240	26	.320693	26	.360689	26	.408788	26	.454534	26	.526169
27	.267848	27	.306888	27	.346816	27	.394964	27	.441295	27	.513335
28	.255093	28	.293672	28	.333477	28	.381607	28	.428441	28	.500814
29	.242946	29	.281025	29	.320651	29	.368702	29	.415962	29	.488599
30	.231377	30	.268923	30	.308318	30	.356233	30	.403846	30	.476681

By

By the late MARTIN FOLKES, Esq. F. R. S. and Master of the
Royal Academy at Woolwich,

With some Additions made by the Author of this BOOK.

A
T A B L E,

Exhibiting the standard of our silver money as to goodness, with the true weight of 240 pennies, 60 groats, 20 shillings, or a pound sterling in tale; as also the intrinsic value of so much silver as was contained in the same, at the several times noted in the first column (*which shews in what year of our Lord, and in what year of each King and Queen's reign such mutation, change, or alteration, was made*) with the same value expressed in decimals of our present sterling pound: whereby the proportion may immediately be known of any former nominal sum of money, to the intrinsic value of so much money as is now called by the same name or appellation. To which I have added the present value of an ounce troy of such silver, on each and every mutation, change, or alteration, according to its purity or baseness, as ascertained by Mr. Folkes. As to gold, I have calculated the present value of the ounce, penny-weight, and grain, both according to the value of fine or pure gold, and to the present standard of alloy, at the several mutations, changes, or alterations of its value, according to Mr. Folkes's Table: all which will be found agreeable to A. Dom. and Princes reign, in which and when every such mutation, change, or alteration, was made, or happened. As to finding the value of any former sum of money, and reconciling it with our present money, I have taken the instance from Mr. Folkes's Table. EXAMPLE, Salisbury Cathedral is said to have cost in the time of Henry III. 42000 marks, or 28000 l. which sum multiplied by 2.906, answers to 81368 l. of our present money. And because I would not detract from the character or abilities of the deceased worthy and ingenious Gentleman, I have caused my part of the Table to be printed in Italicks, and my figures denoted with an Asterism. N. B. To which I have also added the value of an ounce troy of silver in decimal parts of a pound sterling, calculated to four places, whereby the value of any number of ounces, &c. may be found by multiplication only, to the greatest exactness.

Year of the King.	King's Name, and A. D.	Standard of the Silver.	Weight of 20 shillings in tale.	Value of the same in present money.	Proportion.	The value of an oz. of silver according to its purity or baseness, a £. sterl.
*1	Conquest.	1066	oz. dwt. gr.	l. s. d. gr.		
	W. Rufus.	1087	11 05 00	2 18 01. 2	2.906	
	Henry I.	1100				
	Stephen.	1135				
	Henry II.	1154				
	Richard I.	1189				
	John.	1190				
	Henry III.	1216				
	Edward I.	1272				
28	Edward I.	1300	11 02 05	2 17 05	2.871	
	Edward II.	1307				
	Edward III.	1327				
18	Edward III.	1344	10 03 00	2 12 05. 1	2.622	
20	Same. —	1346	10 00 00	2 11 08	2.583	
27	Same. —	1353	09 00 00	2 06 06	2.325	
	Richard II.	1377				
	Henry IV.	1399				
13	Henry IV.	1412	07 10 00	1 18 09	1.937	
	Henry V.	1413				
	Henry VI.	1422				
	Edward IV.	1461				
4	Edward IV.	1464	06 00 00	1 11 00	1.55	
	Edward V.	1483				
	Richard III.	1483				
	Henry VII.	1485				
	Henry VIII.	1509				
18	Henry VIII.	1527	oz. dwt. 05 06 16	1 07 06. 3	1.378	s. d. gr.
34	Same —	1543	W. 1 2 05 00 00	1 03 03. 1	1.163	*4 8. 0.059 *.2334
36	Same. —	1545	W. 5 2	0 13 11. 2	0.698	*2 11. 1.833 *.1477
37	Same. —	1546	W. 7 2	0 09 03. 3	0.466	*2 01. 0.726 *.1049
	Edward VI.	1547				
3	Edward VI.	1549	W. 5 2 03 06 16			*2 11. 1.833 *.1477
5	Same. —	1551	W. 8 2	0 04 07. 3	0.232	*1 08. 0.166 *.0835
6	Same. —	1551	W. 0 1 04 00 00	1 00 06. 3	1.028	*5 01. 1.642 *.2559
1	Mary. —	1553	W. 0 2	1 00 05. 3	1.024	*5 01. 0.619 *.2548
	Elizabeth.	1558				
2	Elizabeth.	1560	Old sterling.	1 00 08	1.033	
43	Same. —	1601	03 17 10	1 00 00	1.000	
	James I.	1603				
	Charles I.	1625				
	Charles II.	1649				
	James II.	1685				
	Mary II.	1689				
	William III.	1689				
	Anne —	1702				
	George I.	1714				
	George II.	1727				
*21	Same. —	1748				

Mr. Folkes observes, that from 1353, to 1603, fine gold was valued at about eleven times the price of fine silver, or it was worth of our present money by the ounce troy nearly 3 l. 1 s. 6 d.

In 1604, it was valued by the ounce
at £. 3 7 6
1620 3 14 6
1663 4 00 10
1717 4 5 0

From which I have calculated the following table, and with the value of a penny weight and grain of fine gold; and also the value of an ounce, penny weight, and grain, according to the several valuations, when alloy'd according to our present standard.

Mr. Folkes likewise observes, that an ounce troy of fine silver is now worth nearly 5 s. 7 d. 1748. But according to the best information I could meet with, it is 5 s. 6 d. 2 qr. 666, &c. and as the same agrees very well with Mr. Folkes's assertion: from that I have ventured to calculate all the other inferior denominations, &c.

G O L D.									
Mutations	Fine per ounce.	Standard per ounce.	Fine per penny weight.	Fine per grain.	Standard per penny weight.	Standard per grain.			
From	l. s. d.	l. s. d. gr.	s. d. gr.	d. gr.	s. d. gr.	d. gr.	d. gr. parts.		
To	l. s. d.	l. s. d. gr.	s. d. gr.	d. gr.	s. d. gr.	d. gr.	d. gr. parts.		
1353	3 1 6	*2 16 4. 2	*3 0 3.6	*1 2.15	*2 9. 3.3	*1 1.6375			
1603									
In									
1604	3 7 6	*3 1 10. 2	*3 4 2	*1 2.75	*3 0. 2.5	*1 2.164			
In									
1620	3 14 6	*3 8 3. 2	*3 8 2.8	*1 3.75	*3 4. 3.9	*1 2.829			
In									
1663	4 00 10	*3 15 9	*4 0 2	*2 0.083	*3 9. 1.8	*1 3.575			
In									
1717	4 5 0	*3 17 11	*4 3 0	*2 2.	*3 11. 0.2	*2 1.41			

N. B. 1 oz. 2 dwt. &c. signifies 1oz. 2 dwt. &c. in the pound troy worse than old sterling or standard silver.



HERE beg leave to offer some few things in the Scrivener's way, which often fall in with the office and duty of a Steward: most of them being part of his absolute duty, and without which, he cannot act in the manner his office requires. As to the other that are not so near allied to him, they many times occur, and sometimes the doing a thing on the spot is of infinite service as well as necessary; and at which time perhaps an Attorney is not to be had, especially in some parts of the kingdom. And if they do not often occur with his duty, yet this kind of knowledge may be of service among the tenants on many occasions, as it will not only give them an high opinion of him, but he will be enabled also to do them a friendly office, by serving them in a thing they are unable to do for themselves; so that he may lead them to any thing for the good of their Lord, as well as themselves. Otherwise, when they apprehend, or are suspicious, that the Steward is an ignorant person, there will be neither leading, persuading, or driving them to any thing, more than they are really obligated to, but upon every occasion they will be ready enough to expose his inabilities and weakness, and will insensibly grow upon him, as every opportunity offers itself.

I would not be understood that the Steward should be a slave to the Tenant.

R E C E I P T S *for* M O N E Y.

Received November 11, 1759, of Mr. T. S. one hundred and ten pounds, in full for a half year's rent, due at Lady-day last past, to Sir W. W. Bar^t. for the farm he now holds in the parish of A.

£. 110

By me, C. D.

When the tenant pays the land-tax, the receipt may run thus :

Received November 11, 1759, of Mr. T. S. ninety-six pounds, which with fourteen pounds allowed for the King's-tax, makes one hundred and ten pounds, in full for a half year's rent, due at Lady-day last past, to Sir W. W. Bar^t. for the farm he now holds in the parish of A.

£. 96 Cash

14 Tax

By me, C. D.

110

November 11, 1758, Received of L. C. forty pounds, in full for a half year's rent for the Wold farm, due at Lady-day last past. And at the same time five pounds for a half year's rent for the horse-close, due at May-day last past, to his Grace the Duke of Beaufort.

£. 40 Wold farm

Per me, D. E.

5 Horse close

45 For both.

Received

Received November 11, 1759, of T. V. fifteen shillings, in full for a half year's rent, due at Lady-day last past, to Sir T. S. Bart. for the house he now lives in

£. 0 15

By T. R.

N. B. It is common for cottagers to pay their rent once a year ; then the receipt may run thus :

Received May 1, 1758, of T. V. one pound ten shillings, in full for a half year's rent, due at Lady-day last past, to Sir T. S. Bart. for the house he now lives in

£. 1 10

By T. R.

N. B. It sometimes happens by an extraordinary agreement, that a tenant at *will* deposits money to defray the expence of some particular necessary alteration or repair, or something of consequence to his land, and the expence to be allowed him in his next rent. In this case, a receipt may run something like the following, which may prevent any after dispute.

Received November 11, 1759, of Mr. T. S. ninety pounds, which with twenty pounds allowed (by agreement) for erecting a cart-house, and banking and draining the upper meadow, makes *or as the* } one hundred and ten pounds, in full *case requires* } for a half year's rent, due at Lady-day last past, to Sir T. S. Bart. for the farm he now holds in the parish of A.

£. 90 cash

By me, C. D.

20 allowed

110

F f 2

Re-

Received January 15, 1758, of Mr. A. B. the sum of twenty-five pounds, for one year's annuity, due at St. Thomas last past,

£. 25

By L. R.

Received February 2, 1758, of Mr. E. D. ten pounds for my quarter's salary, due at St. Thomas last past,

£. 10

By me, P. Q.

Received March 1, 1758, of A. B. ninety pounds on account,

£. 90

By T. E.

March 1, 1758, Received of Mr. N. O. fifty pounds, for the use of my Lord, the Right Honourable C. Earl of N.

£. 50

By me, O. P.

March 1, 1758, Received of Mr. P. Q. eighty pounds for the use of my master E. D. Esq;

£. 80

By T. P.

Received March 1, 1758, of Z. Y. fifteen pounds, in full of all accounts,

£. 15

By me, P. P.

Received March 11, 1758, of Mr. T. D. fifty eight pounds five shillings and six-pence, for the use of Mr. F. M. and company.

£. 58 5 6

By J. F.

March

March 11, 1758, Received then of Sir E. B. Knt. by the hands of Mr. A. B. fifty-six pounds ten shillings and six-pence, in full of all accounts,

£. 56 10 6

By me, E. P.

March 11, 1758, then received of E. F. Esq; by the hands of Mr. S. S. twenty pounds and nine-pence, for use of my master Mr. W. P.

£. 20 0 9

By me, Y. Z.

March 12, 1759, then received of Mr. F. R. twenty-five pounds for self and co.

£. 25

By L. U.

Received March 12, 1759, of Mr. F. B. a note of hand on A. E. for seventy-seven pounds, which when paid, is in full of all demands,

£. 77

By E. K.

Received March 12, 1759, of Mr. D. A. a lease of a farm in C. for which I promise to be accountable,

R. Y.

Received March 13, 1759, of Mr. R. D. a bond to S. P. for one hundred and twenty pounds on T. K. for which I promise to be accountable,

J. S.

Received March 13, 1759, of Mr. P. O. a survey and plan of the manor of W. for which I promise to be accountable for, and return into the hands of him the said Mr. P. O. or order, on or before June the 24th, next ensuing the date hereof,

P. S.

N. B. In giving receipts for rent, it is to be observed, that they be dated according to the proper stile.

As for instance, Lady-day old stile, say April 5th. For Midsummer July 5th. For St. Michael October 10th. For St. Thomas January 1st. For Candlemas February 13th. For May-day May 12th. For Lammas August 12th. For Martinmas November 22d, &c.

But lands, &c. that commence at new stile, are not subject to the above exceptions.

BILLS *of* EXCHANGE.

By Bills of Exchange, I here mean only such bills, orders, or draughts, given from one person to another, for a certain sum of money, the bill, order, or draught, is drawn for: and these admit of divers forms. As payable at sight, so many days after sight, and so many days after date, &c. But all must be made payable to order.

It is common also as well as reasonable, before you give out a bill, &c. to give by letter the person you draw upon advice of such bill or order, and request him to honour it; for if he should not, the scandal, which is not a little, falls on yourself, and not on him who was to obey it.

There is nothing more odious and hurtful to a person's character than his bill, &c. not honoured.

Persons in great business, and those that keep large quantities of ready money, commonly lodge
it

it with a banker. In this case there is no occasion for such advice, neither where there is a constant and continual trade and correspondence carried on between the parties, when such things are commonly received, and as often expected. Or where the drawer is well assured of the ability and punctuality of the person. But,

Those that take money on bills, &c. of a collector of excise, the bill, &c. is drawn payable to the commissioners only, and provided it is not honoured, the drawer, on its return to the collector, pays *5 per cent.* for the money mentioned in the draught, the time it was out.

A collector of excise, according to his instructions belonging to his office, is to accept all Bank bills, and other bills, &c. which he has reason to think are good and valid: as such are not so hazardous on return to the receipt of the Exchequer.

This sort of paper-money must be wrote fair, fully expressed, and clear of all blunders and erasements: otherwise it will appear to be negotiated, and not valid.

It must likewise in as full a sense as possible, express every minute article and circumstance concerning the same. As,

First, the name of the city, town or place, where dated at, and commonly the day of the month, year and sum the bill is drawn for at the top, (as some others place them at the bottom.) Next the time allowed for payment, then the person and order to whom payable, then the sum

in words at length, then on whom you received, the value of, and to what account it is to be placed, *viz.* whether to account, or in full of all accounts, or whether it is to be allowed in any thing that has commenced, or will commence within the time allowed in the bill for payment; then the advice is mentioned, if any.

Then is to be wrote at the bottom towards the left hand, the name, quality or occupation (if any) of the person you draw upon, which is called directing. To the right-hand of which subscribe your name.

I must beg leave in this place to caution all persons concerned in bills, &c. to subscribe their names always alike, whether they cypher the two initial letters, and write the remaining part of their surname at length, or write both at length; which will in a great measure prevent counterfeits and forgery. Of which I shall give an instance.

A certain Gentleman's name well known to me, was attempted to be forged or counterfeited by a certain person he was concerned with. When his name was laid before him (I being present) he was a considerable time, and wrote it several times over, before he could distinguish between the real one and the forgery. At length he discovered it by its wanting a certain turn in the first letter of his christian name, which was an E.

Ex. of BILLS, &c.

Northampton, March 2^d, 1759. L. 100

Sir,

At sight pay Mr. Alderman T. P. or order,
one hundred pounds, value received here of Mr.
E. F. and place it to account, as by advice, from,
To Mr. E. F. Haberdasher, Sir, yours,
at the Wheat-sheaf, Corn- J. D.
hill, London.

Sir, London, March 2, 1759. L. 50

At ten days sight pay Mr. Thomas James, or
order, fifty pounds, value received of him here,
and place it to my account, as per advice, from,
To Mr. Robert Smith, Sir, your humble
Merchant in York. servant, Edward Francis.

Sir, Daventry, March 2, 1759.

Three months after date pay Mr. Roger Bla-
grave, or order, seventy-five pounds ten shillings
and six-pence, value received of Mr. Robert Cox,
and place it to account, as per advice, from,

£. 75 10 6 Sir, your most obedient
To Mr. Andrew Small, servant,
at the Golden Eagle, James Towers.
Hyde-Park Corner,
Westminster.

Forms of LETTERS of Advice on the fore-
going Orders, &c.

Sir, Northampton, Feb. 9, 1759.

Having immediate occasion for cash, am obliged
to draw upon you for one hundred pounds on
sight, which draught I request you will honour,
to Sir, your obedient servant,

£. 100

J. D.

Sir,

London, 9, 1759.

As occasions require, am obliged to give an order on you for fifty pounds, at ten days sight. In honouring of which,

£. 50

You will oblige, Sir, yours,
Edward Francis.

Sir,

Daventry, Feb. 9, 1759.

I shall in a few days give an order on you for seventy-five pounds ten shillings and six-pence, at three months after date; so that to mention honour would be affronting. I am, Sir, yours

£. 75 10 6

James Towers.

Northampton, March 3, 1759. £. 60 10

Sir,

At sight pay Mr. S. T. of this place, or order, sixty pounds ten shillings, value received of him here, which when paid is in full of all accounts, to Sir, your obedient servant,

To Mr. Robert Cox,
Draper, in Milk-
street, London.

J. T.

Courtenhall, March 3, 1759.

At seven days sight pay Mr. John Mayoe, or order, thirty-five pounds fifteen shillings, and it will be allowed in your next half year's rent,

£. 35 15

I am yours, &c.

To Mr. T. C. at Seven
Oaks in Kent.

K. L.

North-

Northampton, March 3, 1759. £. 70 10

Sir,

At fifteen days sight pay to the Hon. Commissioners of Excise only, seventy pounds ten shillings, value received here of Mr. E. H. collector of Excise, &c.

Sir, your obedient servant,

To Mr. T. R. Brewer, in

G. J.

Chifwell-street, London.

N. B. Money taken of a receiver of any branch of the revenue, is drawn payable to the commissioners or other principal receivers only: and such bills cannot be negotiated.

Every person, into whose hands a bill passes, is to write his name, or make some other known mark on the back-side; and this by some is called backing, as others more properly call endorsing.

N. B. If several persons endorse a bill, they all become responsible.

LETTERS of CREDIT.

Sir,

Northampton, March 3, 1759.

The bearer, my son, Being on a tour in your parts, please to supply him with such sums as he may require, so that the same exceed not one hundred pounds, taking his receipts: the favour will be gratefully acknowledged, and the sums repaid in such manner as you shall appoint, to

To Mr. Abel Rock,
Merchant, in New-
castle upon Tyne.

Sir, your most
obedient servant,
M. N.

Sir,

Sir,

C——, March 3, 1759.

I shall send my son C. to the next fair at your town, March the twenty-fifth (*or Lady-day*) to buy beasts; but considering the hazard of the *as the time* } cash on so long a journey; beg you
is } will furnish him with what sums he may have occasion for, taking his receipts, and I will thankfully repay them to your order, in such manner as you shall appoint.

To Mr. P. Q. Clothier,
 at Malpas, in the
 county of York.

I am, Sir, your
 most obedient servant,
 T. J.

P. S. If Sir, the above will not be agreeable, please to give me a line in season.

There is another sort of letter, which in all respects answers the end and purposes of a private order, and is very useful, as well as safe. The condition of which is as follows.

Suppose a person at an inconvenient distance owes me a certain sum, and I owe another person at a convenient distance from him the same sum, (*more or less*) or, by its being paid to the said third person, I can come at it with ease and safety.

In this case give your order or letter something like the following.

Sir,

Sir, Stratford on Avon, March 3, 1759.
or otherwise } On balance, as by your bills and
as the case } receipts will appear, you stand in-
requires. } debted to me in the sum of fifteen
pounds ten shillings and six-pence; which at ten
days sight pay to Mr. T. N. of Northampton,
and his receipt shall be your sufficient discharge
for the same, and in full, to Sir, your obe-
To Mr. R. Lawton, Grazier, dient servant,
in Market-Harborough, J. K.
Leicestershire.

If thought needful, you may advise Mr. T. N.
of it, in something like the following words.

Sir, Stratford on Avon, March 3, 1759.
In a letter of order bearing equal date, I direc-
ted Mr. R. Lawton of Harborough, Leicester-
shire, at ten days sight, to pay into your hands,
fifteen pounds ten shillings and six-pence, in full,
and your receipt to be his discharge. I shall take
or otherwise } a proper opportunity to draw upon
as the case } you for the sum (inclusive of postage
requires. } to this) unless in convenient time you
can otherwise remit it, to

To Mr. T. N. at
Northampton.

Sir, your most obe-
dient servant,
J. K.

N. B. I have purposely omitted all bills, or-
ders, letters, &c. and every other article that con-
cerns trade independently, as being sensible, that
the

the duty and office of a Steward has no connection with trade, or other public, or particular employ.

Of Promissory N O T E S, or Notes of H A N D.

A promissory note mentioning order, is endorsible from one person to another: which is done by the possessor's writing his name on the back of it, and delivering it to the party to whom he intends to assign this his property to.

It is quite unnecessary to draw such note payable to bearer endorsed, if you are satisfied it is good; if not, it may be proper to draw it otherwise.

If a note be endorsed, it is requisite to write a receipt upon it, which will prevent its being negotiated after it is paid and delivered.

If the drawer refuses payment, the note is good against the endorser.

The delivering up such note to the drawer, (that is, to the person who first gave it out) is a sufficient voucher of its being paid; neither does it require a receipt upon it; but, I am so free as to think, that any promissory note would not be the worse if properly attested by a witness or two. I need not explain my meaning for it.

N. B. Promissory notes, and book debts, if not legally demanded in six years, cannot be recovered by law, unless there has been other dealings and payments made (altho' exclusive of the former) within the time abovementioned.

If

If you receive a promissory note on demand of a second person as cash, and you keep such note in possession more than three days, and the person that gave it first out should fail, the person that kept such note longer than the time above-mentioned, must sustain the loss; but if the drawer fail within the three days, it will fall on the person that gave it you.

Let all notes of hand be drawn for value received as well as order; for though a note may be good drawn otherwise, it is dangerous putting it to the venture.

If you should inadvertently take a note not properly drawn and contestable, the first step should be before witness to acquaint the party of it, and to demand another; which if refused, the best and safest way will be, to sue the party who signed it for the money, and produce the note in evidence.

Promissory NOTES.

I promise to pay to Mr. A. B. or order, on demand, thirty pounds, for value received; the 3^d of March 1759.

£. 30

Per me, Y. Z.

I promise to pay to Mr. G. D. or bearer, upon demand, seventy pounds, for value received, the 3^d of March, 1759.

£. 70

S. D.

I pro-

I promise to pay to Mr. M. N. or order, three months after date, fifty-six pounds, for value received, the third day of March, 1759.

£. 56.

By me, W. Y.

A Note from two to one.

We, or either of us, promise to pay to Mr. T. E. or order, on demand, the sum of twenty pounds, for value received, the 3^d day of March, 1759.

£. 20

By us, { A. B.
C. D.

From two to two.

We or either of us, promise to pay to Messrs. J. L. and E. C. or to either of them, to their or either of their order, the sum of sixty pounds, value received, the 3^d day of March, 1759.

£. 60

By us, { S. T.
R. D.

Northampton, March 3, 1759.

I promise to pay to Mr. Alderman N. O. or order, the sum of fifty-four pounds twelve shillings and six-pence, in manner (and at the day and days) following, that is to say, twenty pounds, part thereof three months after date, twenty pounds more, another part thereof, the twenty-fifth of September next, and the remainder thereof, being fourteen pounds twelve shillings and six-pence, on the twenty-fourth of December next, for value received,

By me, R. S.

RECEIPTS

RECEIPTS on the back-side of the Note for the several sums.

£. 20 0 0 { June 3, 1759, Received twenty
pounds on account of the within
note, By me, N. O.

£. 20 0 0 { September 25, 1759, Received
twenty pounds more on account of
the within note, By me, N. O.

£. 14 12 6 { December 24, 1759, Received
fourteen pounds twelve shillings and
six-pence more, in full satisfaction
for fifty-four pounds twelve shillings
and six-pence, according to the with-
in mentioned, By me, N. O.

54 12 6

It would be necessary on every payment, to see your creditor write the above on the back-side of the note; or to give you something like the same, for your private satisfaction.

Northampton, March 3, 1759;

I promise to pay to Messrs. P. Q. and R. S. or either of them, to their or either of their order, the sum of forty-five pounds, in manner and form following, that is to say, &c.

A BILL of DEBT.

Be it known to all men by these presents, that J. S. D. of the parish of All-Saints in Northampton, Gentleman, do owe and am indebted unto Mr. T. C. of E. in the county aforesaid grazier, in the sum of thirty pounds of good and lawful money of Great-Britain; which sum I promise to pay to him the said Mr. T. C. his executors, administrators, or assigns, on or before the tenth day of June next ensuing the date hereof. In witness whereof I have hereunto set my hand and seal, the third day of March, one thousand seven hundred and fifty-nine.

Sealed and delivered, the stamps
first appearing thereon. In the
presence of

E. K.

T. Q.

S. D.

Of BONDS.

The obligation of bonds are drawn by one general rule, that is, there is but one form; but, always observe to draw the obligation for double the sum of money in the condition.

Conditions of bonds vary, and are drawn agreeable to the case it is to oblige.

When a bond is drawn for certain performances, nothing but the sum is mentioned.

Bonds

Bonds are always drawn on stamp'd paper. All things must be written in words at length without abbreviations. Neither the day of the month nor other date, will be safely expressed in figures. These being condemned by act of parliament; and must be attested by two witnesses.

A single BOND.

KNOW all men by these presents, that I A. N. of the parish of C. (*in the city or county of D. or as the case shall require*) gentleman, am holden, and do firmly stand bound unto E. F. in the said (*city, county, &c. as above*) Esquire; in the sum of one hundred pounds of good and lawful money of Great-Britain, to be paid unto him the said E. F. his certain attorney, his executors, administrators or assigns. To which payment well and truly to be made, I do hereby bind myself, my heirs, executors, and administrators, firmly by these presents, Signed and sealed by me the third day of December, in the first year of the reign of our sovereign Lord George the third, by the grace of God, of Great-Britain, France, and Ireland, King, defender of the faith, and so forth, and in the year of our Lord, one thousand seven hundred and sixty.

The Condition to the above Obligation.

THE condition of this obligation is such, that if the above bounden A. N. his heirs, executors, or administrators, do well and truly pay, or cause

to be paid unto the above-mentioned E. F. his executors, administrators, or assigns, the full sum of fifty pounds, with lawful interest for the same, of good and lawful money of Great-Britain, on the third day of September next ensuing the date hereof, then this obligation to be void, or else remain in full force.

Sealed and delivered (being
first duly stamp'd) in the
presence of us,

A. N.

E. M.

P. Q.

A Condition to perform Covenants.

THE condition of this obligation is such, that if the above bounden A. B. his heirs, executors, or administrators, do well and truly observe, perform, fulfil, accomplish and keep, all and singular the covenants, grants, articles, clauses, provisoes, conditions and agreements whatsoever, which on part and behalf of the said A. B. his heirs, executors, and administrators, are, or ought to be observed, performed, fulfilled, kept and accomplished, comprized in an indenture of release, bearing date the same day with these presents, made or expressed to be made, between the said A. B. and S. his wife of the one part, and the said above-named S. M. of the other part, in all things therein mentioned, according to the true intent and meaning of the same. Then
this

this obligation to be void and of none effect, or else to remain in full force and virtue.

Sealed and delivered (the
stamps first appearing
thereon) in the presence
of us,

A. B.

E. Y.

Y. Z.

In this bond, the obligee is mentioned only in the obligation. The case requiring it not otherwise.

A Condition to stand to the Award of Arbitrators.

THE condition of this obligation is such, that if the above bounden D. B. of Northampton, his heirs, executors, and administrators, and every of them, do, and shall in all things well and truly stand to, obey, abide by, perform, fulfil and keep the award, order, arbitrament, final end and determination of L. S. and E. F. arbitrators indifferently named, elected and chosen, as well on the part and behalf of the above bounden D. B. as of the above-named F. Y. to arbitrate, award, order, judge, and determine of and concerning all, and all manner of actions, cause and causes of actions, suits, bills, bonds, specialities, judgments, executions, extents, accompts, debts, dues, sum and sums of money, controversies, trespasses, damages, and demands whatsoever, at any time or times heretofore, had, made, moved, brought, commenced, sued, prosecuted, done, suffered,

suffered, committed, or depending by, or between the said parties, so as the award be made and given up in writing, under their hands and seals ready to be delivered to the said parties on or before

next ensuing the date above-mentioned; but if the said arbitrators do not make such their award of, and concerning the premises by the time aforesaid, that then if the said D. B. his heirs, executors, and administrators, for his and their parts and behalf, do in all things well and truly stand to, obey, abide by, perform, fulfil, and keep the award, order, arbitrament, umpirage, final end, and determination of A. Z. umpire, indifferently chosen between the said parties, to end the said matter and differences, so as the said umpire do make his award or umpirage of, and concerning the premises, and deliver the same in writing under his hand and seal to the said parties, on or before the next ensuing the date aforesaid. Then this obligation to be void, or else to remain in full force and virtue.

Sealed and delivered (the
stamps first appearing
thereon) in the presence
of us

D. B.

(L. S.)

NOTE, There must be another bond drawn counter to this, where F. Y. is to be named in that, where D. B. is in this, and *per contra*. That is, both parties are to be bound *mutatis mutandis*:
and

and if there be no umpire, the latter part of the condition, beginning (but if the said arbitrators) is to be omitted; but if the above-mentioned arbitrators do not make a decision, it then comes before the umpire, who must be final, and delivers himself as follows.

The Form of an Umpirage of Award.

TO all people to whom this present writing shall come, J. A. Z. umpire, indifferently chosen between D. B. and F. Y. send greeting. *Now know ye*, that I the said A. Z. having deliberately heard, considered, and understood the griefs, allegations and proofs of both the said parties, and being willing as much as in me lieth, to set the said parties at unity and good accord, do by these presents arbitrate, award, order, deem, decree, and judge, that the said D. B. his executors, administrators or assigns, do, and shall well and truly pay, or cause to be paid unto the said F. Y. his executors, administrators, or assigns, the full sum of fifty pounds of lawful money of Great-Britain, on the next ensuing the date of these presents, and that upon payment thereof, the said D. B. and F. Y. shall at their own proper costs and charges, seal, subscribe, and as their several acts and deeds, deliver each to the other, a general release in writings of all matters, actions, suits, causes of actions, bonds, bills, controversies and demands whatsoever, from the beginning of the world to the day of

one thousand, &c. and in the year of the
 reign of our sovereign lord by the grace
 of God, of Great-Britain, France, and Ireland,
 king, defender of the faith, and so forth. In
 witness whereof I have hereunto set my hand and
 seal the day and year first above written.

A. Z. (L. S.)

*Next, two general releases are to be drawn counter
 to each other, of equal date, after this manner.*

A general Release.

KNOW all men by these presents, That I
 D. B. have remised, released, and for ever quitted
 claim, and by these presents do, for me, my heirs,
 executors, administrators, remise, release, and for
 ever quit claim unto F. Y. his heirs, executors,
 and administrators, of all, and all manner of ac-
 tions, cause and causes of actions, suits, bills, bonds,
 writings, obligatory debts, dues, duties, accompts,
 sum and sums of money, judgments, executions,
 extents, quarrels, controversies, trespasses, dama-
 ges, and demands whatsoever, both in law and
 equity, or otherwise however, which against F. Y.
 I ever had, now have, and which I, my execu-
 tors and administrators, shall, or may have claim,
 challenge, or demand, for, or by reason or means
 of any matter, cause, or thing, from the begin-
 ning of the world, to the day of the date of
 these

these presents. In witness whereof, I have here-
unto set my hand and seal the &c.

Signed, sealed and delivered

D. B.

(being legally stamp'd) in

the presence of us,

(L. S.)

A Bill of Sale, redeemable.

BE it known unto all men by these presents,
That J. T. N. of &c. for, and in consideration
of the sum of pounds of lawful money
of Great-Britain, to me in hand paid by O. M.
of &c. the receipt whereof I do hereby acknow-
ledge, have bargained, sold and delivered, and
by these presents in open market, according to
due form of law, do bargain, sell, and deliver
unto the said O. M. (*here mention the particulars*)
to have and to hold, the said bargained premises
unto the said O. M. his executors, administrators,
and assigns, for ever. And I the said T. N. for
myself, my executors, and administrators, the said
bargained premises unto the said O. M. his exe-
cutors, administrators and assigns, against all per-
sons, shall, and will warrant, and for ever defend
by these presents. Provided nevertheless, that if
I the said T. N. my executors, administrators, or
assigns, or any of us, do, and shall well and
truly pay, or cause to be paid unto the said O. M.
his executors, administrators, or assigns, the sum
of fifty-one pounds and fifteen shillings, (as prin-
cipal and interest) of lawful money of Great-
Britain,

Britain, on the thirtieth day of November next ensuing the day of the date hereof, for redemption of the bargained premises. Then this bill of sale shall be void and of none effect; but if default be made in the payment of the said fifty-one pounds and fifteen shillings, in part, or in the whole, contrary to the manner and form before said. That then this said bill shall remain, and be in full force and virtue. In witness whereof I have hereunto set my hand and seal the third day of March, in the thirty-third year of the reign of our sovereign lord George the, &c. and in the year of our lord, &c.

Signed, sealed, &c.

T. N. (L. S.)

Other Conditions of Bonds drawn suitable to answer such things that sometimes happen in country parishes.

A Condition to find a person his diet by the year, &c.

THE condition of this obligation is such, That if the above bounden T. S. his executors, and assigns, do, and shall at his and their own proper costs and charges, find and provide for, and allow unto J. K. or any servant of the within named J. K. in his stead and place, or other substitute of him the said J. K. good, wholesome, and sufficient diet and victuals or meat; and good and sufficient table-beer, and in such sort as is now allowed by the above bounden T. S. * for the time and space of one whole year, from the at, or in the now dwelling-house of him

him the said T. S. at, and for the sum of
 And if at any time the said J. K. or such said
 servant, or other substitute of the said J. K. so to
 be dieted for the time being, shall absent himself
 from his said commons, by, and for the space of
six weeks or more together, at any one time or
 times, during the said term; if then, and so of-
 ten as he the said J. K. his servant or other sub-
 stitute shall be absent, the said T. S. his execu-
 tors, or assigns, do, and find diet, victuals, meat,
 and drink for the said J. K. his servant, or other
 substitute, for so long time after the end of the
 said term, as they shall have been absent as afore-
 said, according to the true meaning of these pre-
 sents, that then this obligation to be void, or else
 to remain in full force and virtue.

Sealed, &c.

T. S. (L. S.)

*If any condition about washing, it is to be put in
 at the *.*

*A Condition to repay all such charges, rents, &c. as
 a tenant shall be at, by reason of the payment of
 his rent, there being a dispute and controversy con-
 cerning the title of the estate.*

THE condition of this obligation is such,
 That whereas there is a controversy and dispute
 in question between the above bound E. H. and
 others, touching their several rights and interests
 in the farm or estate now in the tenure and oc-
 cupation of the above-named T. T. or his under
 tenants,

tenants, situated, &c. and whereas upon an agreement made by and between the said E. H. and T. T. the said T. T. is contented to pay the rent of the said farm or estate, (*the same being of the yearly rent or value of seventy-seven pounds*) unto the said E. H. as the same shall grow due *according to his lease*. If therefore the said E. H. his executors and administrators, do, and shall well and truly pay, or cause to be paid unto the said T. T. his executors, or assigns, all such rent and rents, sum and sums of money, charge and charges, damage and damages whatsoever, as shall by due proceeding in law and equity, be adjudged and decreed against him the said T. T. his executors and administrators, and all other cost and costs, damage or damages whatsoever, which he the said T. T. shall sustain or be at, by reason or reasons of any action or actions, suit or suits, forfeiture, or forfeitures whatsoever, which now has, or which shall or may hereafter happen or be unto the said T. T. his executors or administrators, for, or by reason or means of the payment of the said rent and rents, or any part or parcel thereof, unto the said E. H. his executors, administrators, and assigns. That then this obligation to be void, or else to remain in full force and virtue.

Sealed, &c.

E. H. (L. S.)

A Condition to discharge and save harmless the churchwardens, overseers, and parishioners, of a bastard-child born in the parish.

THE condition of this obligation is such, That whereas one M. H. hath lately been delivered of a *man* child, within the parish of C. in the county of N. above-written (*as in the obligation*) to the *which child the above bound E. G. by his own voluntary confession doth acknowledge himself to be the father.* If therefore the said E. G. his heirs, executors or assigns, or every, or any of them, do from time to time, and at all times hereafter, fully and clearly acquit, discharge, and save harmless, as well the above-named J. B. and T. C. churchwardens, and E. S. and F. G. overseers of the poor of the said parish of C. aforesaid, and their successors for the time being, and every of them, of and from all and all manner of cost and costs, charge and charges, and all other expences whatsoever, which shall, or may in any manner of wise at any time hereafter arise, happen, come, grow, or be imposed upon them, or any of them, for, or by reason or means of the birth, education, nourishing, and bringing up of the said child, and of and from all other action and actions, suit and suits, charge and charges, trouble and troubles, and all other impeachments and demands whatsoever, touching and concerning the same. That then, &c.

Sealed, &c.

E. G.

(L. S.)

Before

Before I proceed further, it may be proper to make some OBSERVATIONS *touching the firm making of covenants, contracts and agreements, &c.*

A covenant, contract, agreement, &c. is the mutual consent of one, two, or more person or persons, by a formal deed in writing, containing an agreement of the parties, whereby one or more do promise and covenant with another, to give or do somewhat or something, in such sort as they have concluded of among themselves; and to the firm making thereof, it is to be observed,

First, That the person or persons be of the full age of twenty-one years; for it is to be noted and considered, that infants, which are supposed not to understand what is done, cannot make an obligation or covenant, &c. yet such as be of the age of discretion, that is, males of the age of fourteen may chuse his guardian, be an executor, may consent to marriage (if not an apprentice) may by will, give his goods and chattels, and become bound in bonds or covenants for necessities, as food, raiment, schooling, &c. A female at twelve may make a will of her goods, become bound for necessities, &c. but neither can dispose of lands till of full age, that is, twenty-one years.

Secondly, Though they be of full age, yet they must be *compotes-mentis*; and that at the time of making such contract, they have not these defects of the mind, *that is*, madness, lunacy, idiocy; nor these defects of the body, as dumbness, deafness,

ness, blindness, especially if these disorders be natural, or what they brought into the world with them; for in such case, they can in no wise consent.

Yet some, that have had some of these bodily defects, have been permitted to marry.

Of the nature of a bond, bill, or obligation, and for the making of which, observe the following directions.

First, A bond, bill, or obligation, is a deed in writing, and the nature thereof is to bind or oblige one man to another, or two or more, or many (as occasion is) to pay a sum of money, or to give, do, or perform something, whereupon it is defined to be the right of a person, by which he hath another person bound unto him, to pay that which he oweth him. RIGHT therefore is the chiefest cause of an obligation; the act of man that seals and delivers such obligation, is only the remote or secondary cause: now, that which is called an obligation, is the same with that which is commonly and vulgarly called or termed a bond, and it is also the same with a bill; only this consists of but one part, as a bond does of two. A bond or bill may be made with or without a penalty. *Namely*, penal or not penal.

But observe, that if an obligation or bill be made whereby the party bound is enjoined to do or perform any thing that is either unlawful, or im-

impossible, then such obligation or bill is void of itself, and of none effect.

Secondly, In an obligation, he to whom the obligation is made, is called the obligee or creditor ; and he who binds himself, or is bound in the obligation, is called the obligor or debtor; and so according to the fundry sorts of obligations and contracts, the persons therein mentioned, are commonly stiled by such significant and legal names and terms, as are appropriate to such deed, contract, &c. as obligor, obligee, feoffor, feoffee, lessor, lessee, grantor, grantee, donor, donee, vendor, vendee, &c.

Thirdly, For the making of an obligation, there are these things to be regarded. *First*, The names of the parties concerned in such obligation, both christian and surname, their stile, degree or quality, &c. *Secondly*, The city, town, place of abode, and county wherein they are at present, or for the most part resident. *Thirdly*, The sum of money due; which, as I have said before, is usually double in the obligation.

Of C O N D I T I O N S.

A Condition is generally a rule, law or bridle annexed unto mens actions, bridling, or as it were, staying and suspending the same until a certain time; so that a condition of an obligation, recognizance, &c. is such an agreement of both parties to the same, as stayeth and delayeth the effect thereof, making it as it were, an uncertainty
whether

whether it shall take effect or not, until the condition be fulfilled or relapsed; so that by the non-performance, or not doing thereof, the parties to the condition shall receive prejudice and loss, and by performance, commodity and advantage.

Note, The condition must also be possible in law, otherwise the agreement is void, as I said before of the obligation.

An Obligation from two to one.

KNOW all men by these presents, that we A. B. of the parish of C. in the county of E. Gentleman, and F. G. of the parish of H. in the county aforesaid grazier, do stand, and are firmly bound and obliged to J. K. of the said parish of H. in the county aforesaid, Esquire, in the sum of two hundred pounds, of good and lawful money of Great-Britain, to be paid unto the said J. K. Esquire, his certain attorney, his executors, administrators, or assigns. To the which payment well and truly to be made, we bind ourselves, and either of us by himself, jointly and severally for the whole, and in the whole, our and either of our heirs, executors and administrators, and every of them, firmly by these presents signed and sealed by us, the third day of December, in the first year of the reign of our sovereign Lord George the Third, by the grace of God of Great-Britain, France, and Ireland, King, defender of the faith, and so forth, and in the year of our Lord, one thousand seven hundred and sixty.

An Obligation to the church-wardens and overseers of a parish, to save harmless from a base-born child.

KNOW all men by these presents, That I E. G. of the parish of Y. in the county of N. *labourer*, am holden, and do firmly stand bound unto J. B. and T. C. church-wardens, and E. S. and F. G. overseers of the poor of the parish of C. and their successors for the time being, and every of them, in the full sum of forty pounds of good and lawful money of Great-Britain, to be paid unto the said J. B. and T. C. and E. S. and F. G. and their successors for the time being, and every of them, their, and every of their attorney and attornies, and all other their assigns, to which payment well and truly to be made, I do hereby bind myself, my heirs, executors and administrators, firmly by these presents signed and sealed by me the third day of December, in the first year of the reign of our sovereign lord George the Third, by the grace of God, of Great-Britain, France, and Ireland, King, defender of the faith and so forth, and in the year of our Lord one thousand seven hundred and sixty.

N. B. If there is a double or treble bond required, there is no more in it, than in any other double or treble bond, *viz.* every person is to be mentioned singly, with his place of abode and quality, according to former directions. If a
single

single bond is only required, and the security live in the parish where the child is born, the bond is to be drawn accordingly, *mentioning such a person, of such a parish.* Then after the officers names, say of the place and parish aforesaid, &c.

A Condition for performance of covenants.

THE Condition of this obligation is such, That if the above bound H. W. his heirs, executors and administrators, and every of them, do well and truly observe, perform, fulfil, accomplish and keep, all and singular the covenants, grants, articles, clauses, conditions and agreements whatsoever, which on his and their parts and behalves, are, or ought to be observed, performed, fulfilled and kept, mentioned and comprized in one pair of indentures of lease, bearing date as above-written, made between the above-named E. W. of the one part, and H. W. of the other part, according to the tenor, effect and true meaning of the same indenture. That then this obligation to be void, or else to remain in full force and virtue.

A Condition to pay money at the day of marriage, or day of death.

THE Condition of this obligation is such, That if the above bounden A. B. his executors, administrators, or assigns, do well and truly pay, or cause to be paid unto the above-named C. D. his executors, administrators, or assigns, at, or in

(*name the place where the money is to be paid*) the sum of within *six months* next after the solemnization of the marriage of the above-said C. D. or the day of the death and decease of him the said C. D, which shall first happen after the date above-written, without fraud, cover, or further delay. That then this obligation to be void, or else remain in full force and virtue.

A Condition to deliver hay and grain at a certain price agreed on, and by a day appointed.

THE Condition of this obligation is such, That if the above bounden A. B. his executors, administrators or assigns, do, and shall well and truly deliver, or cause to be delivered unto the above-mentioned T. E. his executors or administrators, his or their attorney or attornies, at the now dwelling-house of him the said T. E. situate and standing in the parish of C. in the county of N. ten tons of good, sweet, well-made and well-dried hay, at the rate of one pound five shillings the ton, at or before the feast of St. James the Apostle, and fifteen quarters of sound, wholesome and sweet wheat, good and merchantable ware, at the rate of one pound ten shillings a quarter, fifty quarters of sound, wholesome and sweet barley, the growth of the present year, fit for the making of malt, good and merchantable ware, at the rate of fourteen shillings a quarter; eight quarters of clean, sound, wholesome and sweet beans, good and merchantable ware, at the rate of fifteen shillings

lings a quarter, to be delivered at the house afore-said, at or before the feast of St. Thomas the Apostle next ensuing the date hereof, without fraud or cover. Then this obligation to be void, or else to remain in full force and virtue.

A Condition for the delivery of barley.

THE Condition of this obligation is such, That if the above bounden A. B. his executors, administrators, or assigns, or any of them, do well and truly deliver, or cause to be delivered to the above-mentioned C. D. his executors, administrators, or assigns, at the now dwelling-house of him the said C. D. situate in C. in the county of N. fifty quarters of good, sweet and merchantable barley, of this present year's growth, fit for the making of malt, in manner and form following; that is to say, ten quarters on or before the twentieth day of October next ensuing the date hereof, ten quarters more in seven days after, twenty quarters more in ten days after the delivery of the last before-mentioned, and ten quarters more in full of the said fifty quarters, on or before the tenth day of December next ensuing the date hereof, at fourteen shillings a quarter, frank, free, and clear of all other charges whatsoever. That then this obligation to be void, or else remain in full force and virtue.

A Condition to pay a sum of money quarterly.

THE Condition of this Obligation is such, That if the above bounden B. M. his heirs, executors, administrators, or assigns, or any of them, do well and truly pay, or cause to be paid unto the above-mentioned N. D. his heirs, executors, administrators, or assigns, the full sum of *forty pounds* of good and lawful money of Great-Britain, in manner and form following, that is to say, *on the feast of St. John Baptist* next ensuing the date above-written, the sum of *five pounds*, a part and parcel thereof; *on the feast of St. Michael the arch-angel* five pounds more, another part and parcel thereof; *on the feast of St. Thomas the Apostle* five pounds more, another part and parcel thereof; *on the feast of the annunciation of the blessed virgin Mary* five pounds more, another part or parcel thereof; and so for every quarter of a year quarterly, one next, and immediately and ensuing another, on every of the quarter days aforesaid five pounds, until the said sum of *forty pounds* shall be in such sort, and after such manner, fully satisfied, contented and paid. That then this obligation shall be void; but in default of payment of the said sum of *forty pounds*, or any part or parcel thereof, contrary to the manner and form above-mentioned, then it shall stand and abide in full force and virtue.

Sealed and delivered, (being
first legally stamp'd) in the
presence of us,

B. M. (L. S.)

A

A Condition not to molest, sue, or trouble for any matter or cause that is past.

THE Condition of this obligation is such, That if neither the above bound A. B. his executors, administrators, or assigns, his attorney, or attornies, or any other person or persons for him, or them, or in his or their name or names, do not at any time or times hereafter, molest, sue, vex, or trouble the above-named C. D. his executors, administrators, or any of them, by any manner of ways or means whatsoever, for, upon, or by reason of any matter or cause whatsoever, had, made, moving, or depending between the said parties, from the beginning of the world, until the day of the date above-written. That then this obligation to be void, or else remain in full force and virtue.

A Condition to pay money during life.

THE Condition of this obligation is such, That if the above bounden A. Z. his executors, administrators, or assigns, or any of them, do, shall, or will yearly, and every year, during the natural life of A. S. of C. in the county of N. well and truly pay, or cause to be paid unto him the said A. S. his assign, or assigns, his attorney, or attornies, or other his lawful order, for, and towards his maintenance, in consideration of his just and faithful services, the sum of thirty pounds of lawful money of Great-Britain, on four days in

H h 4

every

every year; that is to say, on the feast of the annunciation of the blessed virgin Mary; the feast of St. John the Baptist; the feast of St. Michael the arch-angel; the feast of St. Thomas the apostle, by even and equal portions; the first payment thereof to begin, and to be made on the

next ensuing the date above-written; he the said A. S. his assign, or assigns, his attorney, or attornies, or other his lawful order, giving and delivering unto the said A. Z. his executors, administrators, or assigns, to his, and their use, a sufficient acquittance and discharge in writing under his hand, of the money so paid, and so from time to time received. That then this obligation to be void, or else to remain in full force and virtue,

A Condition for the fidelity of a servant.

THE Condition of this obligation is such, That whereas the above-named H. H. hath taken and received into his service the above bound T. T. If therefore the said T. T. do, and shall at all times hereafter, and from time to time, during so long time as he the said T. T. shall dwell with the said H. H., well, truly, and faithfully serve him the said H. H. his master, without consuming, imbezzling, wasting, losing, and mispending, or unlawfully make away any monies, plate, goods and chattels, of the said H. H. his master, or any other person, or persons whatsoever, that shall be committed to his charge and custody, by
reason

reason of his said service as aforesaid, then if the said T. T. the above bound W. P. and J. J. or any of them, their, or any of their executors, administrators, or assigns, or any of them, do, and shall within three calendar months next after the due proof thereof, either by the confession of the said T. T. or otherwise howsoever; and notice or warning thereof given, or left in writing, or otherwise, unto, or for the said W. P. and J. J. or either of them, at their dwelling-houses, or otherwise delivered to them, or either of them, make sufficient recompence, satisfaction, and payment, unto the said H. H. his executors, administrators, or assigns, for the said money, plate, goods, and chattels, so consumed, wasted, and embezzled, as aforesaid, then this present obligation to be void, and of none effect, or else to remain in full force and virtue.

N. B. *The obligation to run from three to one.*

A Condition for building and setting up a barn.

THE Condition of this obligation is such, that if the above-named E. S. his executors, administrators, or assigns, do, at, or before the feast day of next coming after the date above-written, at his and their own proper costs and charges, well, workman-like, and sufficiently make, build, erect, and set up, and fully finish, or cause to be made, built, erected, and set up, and fully finished (in all things belonging to the art or trade of a carpenter) in, and upon one piece of
ground

ground now in the tenure and occupation of one new barn, with twelve several bays or rooms in the same, of good, new, and seasonable oak-timber, and one able and strong pair of cart-doors, thirteen feet in the clear, on the opposite side a horse door four feet in the clear, and the said barn to contain in length one hundred feet of assize, and in breadth twenty-two feet, and in height eighteen feet of assize at least, and also to do, at, or before the feast-day of make, or cause to be made at his, or their like costs and charges, within the said barn so to be builded and set up, the third part of the length thereof, meet and convenient for a stable room, and a sufficient floor for the same, paved *with proper and sizable pebbles*, with racks and mangers (of seasoned oak timber) meet, sufficient and convenient for the same; and do also to the other two remaining thirds of the same bays or rooms, make one substantial floor of seasonable oak plank, of the thickness of one inch and three quarters, laid upon seasonable pieces of oak, called of the full assize of four inches and a half, by three and a half; and do likewise at his, and their like costs and charges, find and allow all such nails as shall be needful to be spent and occupied, in and about the erecting, setting up, and finishing of the same barn and stable, with floors, racks, mangers, doors, with four windows and planks (*except if any thing is to be excepted*) or you may proceed thus. And the within named (*or above-mentioned*) D. E. in consideration
of

of the premises, is to pay unto the said E. S. his executors, or assigns, the sum of one hundred pounds of good and lawful money of Great-Britain, in manner and form following; that is to say, at the sealing and delivery hereof; fifty pounds, the half or moiety thereof, and on the next after the date hereof, twenty-five pounds more, another part and parcel thereof; and at the finishing of the same as aforesaid, the sum of twenty-five pounds more of the like lawful money, in full payment of the said sum of forty pounds. That then this obligation to be void, or else remain and abide in full power, strength and virtue.

A Condition to pay rent quarterly for certain rooms.

THE Condition of this obligation is such, That if A. C. or the within bound B. D. and E. G. or any of them, their, or any of their executors, administrators, or assigns, do well and truly pay, or cause to be paid unto the above-mentioned F. H. his executors, administrators, or assigns, the yearly sum of for those rooms, a part or parcel of the capital messuage, situate wherein the said B. D. now inhabiteth, for, and during the full term of to be accounted from the

last past (*or as the case is*) before the date above-mentioned, *at the four most usual feasts or terms in the year*; that is to say, at the feast of or within ten days next ensuing every of the said feasts, by even and equal portions; the first payment to begin and to be made at the feast day

day of next ensuing the date above-written,
or within ten days next ensuing the same feast.
That then this obligation to be void, or else re-
main and abide in full power, force, and virtue.

A Condition of a Counter-bond.

THE Condition of this obligation is such, That
whereas the above-named N. B. at the special in-
stance and request of the above bound C. D. for
the proper and real debt of the said C. D. and
as his surety by obligation *bearing date with these
presents*, standeth jointly and severally bound to-
gether with the said C. D. unto E. F. of
in the sum of with condition thereupon
endorsed, for the payment of pounds of
lawful money of Great-Britain, to the said E. F.
his certain attorney, his executors, administrators,
or assigns, as in and by the said obligation and
condition more at large appeareth. If therefore
the said C. D. his heirs, executors, administra-
tors, or assigns, or any, or either of them, do
pay, or cause to be paid unto the said E. F. or
his assigns, the said sum of according to
the true meaning of the said recited bond, and
also from hence, and henceforth, save and keep
harmless the above-named N. B. his heirs, exe-
cutors, and administrators, of, and from the afore-
said obligation, and of, and from all, and all
manner of costs, charges, suits, and all, and all
manner of other damages whatsoever, for, and
concerning the said before recited obligation, that
then

then this obligation to be void, or else to remain in full force and virtue.

A Condition to pay the rent reserved in a lease, according to the covenant therein expressed.

THE Condition of this obligation is such, That whereas the above-named J. C. by his indenture of lease of the date above-written, did demise, grant, and to farm, let unto the above bound H. B. all that messuage and farm lands, closes, *Here nominate and express every particular according to the case.* { and inclosed grounds, called or known by the name of all which was lately in the tenure and occupation of J. B. his assignee, or assignees, lying, and being in within the parish and precincts of C. in the county of N. (*except as in the same lease is excepted*) to have and to hold the same from the feast of

next coming and ensuing, after the date of the same lease, until the full end and term of years from thence next ensuing, and fully to be compleat and ended; yielding and paying therefore yearly, and every year, during the said term of years, to the said J. C. his executors, or assigns, pounds of lawful money of Great-Britain, at the two most usual feasts or days of payment in the year; that is to say, the feast of the annunciation of the blessed virgin Mary, and the feast of St. Michael the arch-angel, or within days next after every of the said feasts,

feast days, by even and equal portions, as by the same lease it doth and will more largely appear. If therefore the above bound H. B. and the above bound E. Y. and A. Z. or any of them, their, or any of their executors, administrators, or assigns, do well and truly yield and pay, or cause to be yielded and paid, unto the said J. C. his executors, or assigns, the said yearly rent of pounds, at the feasts and terms of the year above-mentioned, and mentioned and expressed in the said recited lease, or within days of the same, according to the tenure and true meaning of the same lease, that then this obligation to be void and of none effect, or else to remain and abide in full force and virtue.

Sealed and delivered, &c.

A letter of Attorney to receive debts only.

KNOW all men by these presents, That J. E. C. of the town of Northampton, Gentleman, have assigned, ordained, and made, and in my stead and place by these presents, put, placed, and constituted in my stead, my trusty and well-beloved friend C. Y. of in the county of Northampton aforesaid, grazier, to be my true and lawful attorney for me, and in my name, and to my use, to ask, sue for, levy, require, recover, and receive, of and from T. S. Esquire, his executors and administrators, all, and every such debt and debts, sum, and sums of money, which are now due unto me, by any manner of ways or
means

means whatsoever; giving and granting unto my said attorney, my whole power, strength, and authority, in, and about the premises, and upon the receipt of any such debt, or debts, sum, or sums of money aforesaid, acquittances, or other discharges for me, and in my name, to make, seal, and deliver, and all, and every such act, and acts, thing, and things, device, and devices whatsoever in the law, for the recovery of all, or any such debt, or debts, or sum, or sums of money as aforesaid, for me, and in my name, to do, execute, and perform as fully, largely, and amply, in every respect, to all intents, constructions, and purposes, as I myself might, or could do, as if I in person were present, ratifying, allowing, and confirming all and whatsoever my said attorney shall lawfully do, or cause to be done, in, or about the execution of the premises, by virtue of these presents. In witness whereof I have hereunto set my hand and seal, the third day of December, in the year of our Lord, one thousand seven hundred and sixty.

Signed, sealed and delivered in the presence
of us,
P. Q.
R. S.

E. C. (L. S.)

*A Condition for the payment of rent for lands hold
from year to year durante bene placito, or at the
pleasure of the landlord.*

THE Condition of this obligation is such,
That if T. H. or the above bound D. B. and E. G.
or any of them, their, or any of their execu-
tors, administrators, or assigns, do well and truly
pay, or cause to be paid unto the above-mention-
ed the right honourable C. earl of N. his exe-
cutors, administrators, or assigns, the yearly sum
of for the rent of a messuage and closes
of arable, pasture, and meadow grounds, lying
within the parish and precincts of C. in the county
of E. above-mentioned, all which now are, or
lately were in the tenure and occupation of Y. Z.
or his under tenants, and which, he the said
T. H. by agreement with is to enter
upon the fifth day of April next ensuing the date
hereof, and the same to hold and enjoy during
the will, pleasure, and good liking of him the
said right honourable C. earl of N. his heirs
and assigns, at the yearly rent and rents above-
mentioned, to be paid yearly, and every year, at
the two most usual days of payment in the year;
that is to say, on the feast of St. Michael the
arch-angel, and the feast of the annunciation of
the blessed virgin Mary, by even and equal por-
tions; the first payment to begin and to be made
on the feast of St. Michael the arch-angel, next
ensuing the date hereof, or within fifteen days of
the same, and so forth, every half year during all
the

the time and term of years that he the said T. H. or his shall so hold and enjoy the said messuage, and closes of arable, pasture, and meadow aforesaid; and moreover do from time to time, during all the said term, at his own costs and charges, the said premises sustain, keep up, repair, and amend, from time to time, as the same shall stand in need of, and all hedges to cut and plash in a decent husband-like manner, but not without the especial order, appointment, and direction of his lordship's steward, or other agent by him expressly appointed for that purpose, under his hand writing, and not to plow, break up, or convert into tillage, any of the said land, now pasture or meadow, other than that now so used, plowed, or tilled, by the above-mentioned Y. Z. and in the end of the same time, do leave, and yield up the same quietly, sufficiently fenced and bounded, without any cavillation, that then this obligation to be void, or else remain in full force and virtue.

A letter of attorney-general to receive debts and rents.

KNOW all men by these presents, That J. B. Y. of D. in the county of S. esquire, have assigned, ordained and made, and in my stead and place, have put and constituted, and do by these presents, place, put, and constitute, my trusty and well beloved friend H. J. of M. in the county of W. gentleman, to be my true and lawful attor-

ney for me, in my name, and to my use, to ask, sue for, levy, require, recover, and receive of all, and every person and persons whatsoever, all, and every such debt and debts, rent and rents, and sum and sums of money, as are now due unto me, or which at any day or days, time or times hereafter, shall be due, or become due, owing, belonging, or appertaining unto me, by any manner of ways or means whatsoever, giving and granting unto my said attorney, by the tenour of these presents, my full and whole power, strength, and authority, in and about the premises, and upon the receipt of any debts, rents, and sum and sums of money aforesaid, acquittances, or other discharges for me, and in my name, to make, seal and deliver, and all, and every other act and acts, thing and things, device and devices in the law whatsoever, needful and necessary to be done in or about the premises, for the recovery of any such debt or debts, rent or rents, sum and sums of money as aforesaid, for me, and in my name, to do, execute, and perform, as fully, largely, and amply, in every respect, to all intents, constructions and purposes, as I myself might or could do, if I were personally present, ratifying, allowing, holding firm, and confirming all and whatsoever my said attorney shall lawfully do, or cause to be done, in or about the execution of the same, by virtue of these presents. Given under my hand and seal, this third day of March, in the first year of the reign of our sovereign Lord
George

George the Third, by the grace of God, of Great-Britain, France, and Ireland, King, defender of the faith, and so forth, and in the year of our Lord one thousand seven hundred and sixty-one.

Signed, sealed, &c.

B. Y. (L S.)

A letter of attorney to receive rents, &c.

KNOW all men by these presents, that I have made, ordained, constituted, and appointed, and by these presents do make, ordain, constitute, and appoint to be my true and lawful attorney for me, and in my name, and for my use, to ask, demand and receive of, and from their executors, administrators and assigns, as well all such sum and sums as now are, or which shall, or may at any time hereafter, become due and owing to me for or on account of rent, for the respective tenures by them, or some of them, now occupied and possessed; and, upon non-payment thereof, the said person or persons, his, or their executors and administrators for me, and in my name, to sue, arrest, imprison, implead, and prosecute for the same, and upon such suit to proceed to judgment and execution, and thereupon the said person or persons their, or either of their executors and administrators, in prison to hold and keep, until payment thereof be made, with all costs and damages sustained, and to be sustained, by reason of the detaining of the same; and upon payment thereof, the said person and persons, their, and

either of their executors, administrators, forth of prison to discharge, and acquittances for me, in my name, to make, seal, and deliver; and also to perform, pursue, and execute all, and every such other lawful and reasonable act and acts, means, thing and things whatsoever, both for recovering and discharging the same, as shall be needful to be done, giving, and by these presents granting to my said attorney; not only my full and absolute power in the premises himself, but also power to substitute and appoint one or more attorney or attornies in his stead, to act, execute, do, and perform, all lawful act and acts, deed or deeds, thing and things, with relation to the premises, ratifying and holding firm, all, and whatsoever my said attorney or his substitutes before-said, shall lawfully do, or cause to be done, in, or about the premises, by virtue of these presents. In witness whereof, I have hereunto set my hand and seal, the 3^d.

A letter of attorney to receive money due upon several bonds, allowing the attorney reasonable charges out of the money he shall receive to satisfy himself.

TO all to whom these presents shall come, I W. R. of T. in the county of W. gentleman, send greeting, Know ye, that I the said W. R. for divers good, sufficient and reasonable causes and considerations, me hereunto especially moving, have authorized, constituted, nominated, made and ordained, and by these presents do authorize,

thorize, constitute, nominate, make, and ordain, my well-beloved friend C. H. my true, faithful, lawful, undoubted, and irrecoverable attorney, from henceforth, for me, and in my name, to ask, receive, gather, and take all such sum and sums of money as are already due, or hereafter shall, or may become due unto me, from any person or persons herein after-mentioned and expressed, as also all such sum and sums of money, as were due unto E. my now wife in her widowhood, or hereafter may, or shall be due unto her, by any person or persons whatsoever, and herein after-mentioned and expressed, by virtue of any note, bill, bond, or any other writing or way whatsoever, that is to say, to ask, gather, receive, and take of A. B. of C. in the county of E. yeoman, the sum of fifty pounds of lawful money of Great-Britain, due unto me by virtue of one bond or writing obligatory, from the said A. B. to me the said W. R. dated June the twenty-ninth, one thousand seven hundred and forty, as in, and by the said bond, reference being thereunto had, more plainly, and at large, it doth and may appear. And also the sum of one hundred pounds of the like money from T. S. of E. in the county of B. innholder, due unto me by virtue of one bond or writing obligatory from the said T. S. to me the said W. R. dated May the first, one thousand seven hundred and fifty-two (*then name every particular sum, and set them down according to their several names, sums, and dates as they are as above,*

then insert these covenants following) as in, and by the several notes, bills, and bonds, whereunto relation being had more plainly, and at large, it doth and may appear, for the recovery of all which said several sum and sums of money, which shall arise, or grow due unto me the said W. R. by virtue of any, or either of the said notes, bills, or bonds yet in arrear, due and unpaid. I do by these presents, give full power and authority unto the said C. H. for me, and in my name, and to my use as aforesaid, to receive, and upon non-payment of them, or any of them, to bring, sue, and prosecute for me, and in my name, all, and all manner of actions whatsoever, as well real as personal, and the same to prosecute and follow by suit, arrest, imprisonment, judgment, condemnation, execution, or otherwise, and one or more attornies for the doing of the premises to make, the same at will and pleasure to revoke, in his or their place to put, in as large and ample a manner as I might or could do, if the same were by me, and in my own proper person done, commenced, sued or taken, to the only benefit and behoof of me the said W. R. allowing to the said C. H. out of the said sum and sums of money so by him recovered and received, all his reasonable, lawful and necessary expence, and expences, charge, and charges laid out, and disbursed, or otherwise, in or about the recovery and recovering, getting and procuring of the said sums of money, or any of them. And I do by these presents

sents covenant, promise, and grant to, and with the said C. H. his executors and administrators, that I, my executors, administrators, and assigns, shall, and will at all time and times hereafter, ratify, confirm, and allow whatsoever my said attorney shall lawfully do, or cause to be done, in, and about the premises, by virtue of these presents. In witness whereof I have hereunto set my hand and seal, &c.

A general letter of attorney.

TO all to whom these presents shall come, I J. R. of W. in county of E. send greeting. Know ye, that I the said J. R. for divers good causes and considerations, me hereunto especially moving, have made, ordained, constituted, appointed, and in my stead and place, have put and deputed, and by these presents do make, ordain, constitute, appoint, and in my stead and place, put and depute my loving and much respected friends R. C. of C. in the county of N. gentleman, and F. G. of G. in the county of O. yeoman, to be my true and lawful attorney and attorneys irrevocable, for me, and in my name, and to my own proper use and behoof, to ask, demand and require, sue for, recover and receive all such debts, duties, sum and sums of money due, or to be due to me upon notes, bills, bonds, and bills of exchange, or any otherwise howsoever, and all other demands, I shall or may have upon

any person or persons whatsoever, or which now are, or which hereafter shall be due, payable, or any way or ways belonging unto me, by, or from any person or persons, or bodies corporate or politic whatsoever, or howsoever, and all rent and rents, and all arrearages of rent and rents, yearly payments, merchandizes, goods, chattels, legacies, and all other matter and things I have, or shall, or may have any property or claim, in, or to, of any kind or denomination whatsoever, as aforesaid, and for, and in default of payment of any rent or rents, or arrearages of rent or rents, which now is, or hereafter shall or may be due unto me, to enter into all, or any of my messuages, lands, tenements, hereditaments, or any of them, or any part or parcel thereof, and to distrain for the same rent or rents, and arrearages of rent or rents, and for, or in default of payment thereof, to enter *into, and in the name, and of the whole possession thereof*, to take, and to make, seal and deliver in my name, any lease or leases of ejectment thereupon, or the said person or persons, their, or either of their executors and administrators, in person, to hold and keep until payment thereof be made, with all costs and damages sustained, or to be sustained, by reason of detaining the same, and upon payment thereof, the said person and persons, their, and either of their executors and administrators, to set at large, discharge and acquit, and acquittances for me, and in my name, to make, seal and deliver, and also
to

to perform, pursue and execute, all and every such other lawful and reasonable act and acts, means, thing and things whatsoever, both for recovering and discharging of the same, as shall, and may be needful to be done, for and concerning the recovering of the premises, and discharging of the same. And to pay any sum or sums of money, and to contract for, and to lease, let and set, all, or any of my messuages, lands, tenements or hereditaments, and estates whatsoever, which I have, or shall, or may have, within the kingdom of Great-Britain, or elsewhere, and to sell and dispose of any, or all my goods and chattels, merchandizes and effects I now have, or hereafter may be any ways interested in, by any way or means whatsoever, as they shall think most fit, meet and expedient, and to sue, implead, and make answer, prosecute and defend, in any court or courts of law or equity, and before any judge or judges, justice or justices, or other person or persons, in any suit, action, matter, or cause, with me, for me, or against me, as the cause and case shall, and may require, and to deal and intermeddle in any action or actions, suit and suits, affairs and businesses, any way touching or concerning me, as my agents or factors, or otherwise. Giving, and by these presents granting my said attornies, my full and whole power, and lawful authority, in the execution and performance of all and singular the premises, and to make any composition or agreement, for, and concerning
the

the premises, and to make, seal and deliver, or otherwise execute all lease and leases, and all other indenture and indentures of lease and release, and writings obligatory, for, and concerning the premises above-named, or any part or parcel thereof, for me, and in my name, or otherwise, as the cause shall require, and attornies one or more for the purpose aforesaid, or any of them under them, to make, and again at their will and pleasure to revoke, and generally to do, accomplish, determine and execute, all and every such further and other lawful and reasonable act and acts, thing and things, device and devices whatsoever, which in or about the premises shall be unto my said attornies thought fit, meet and necessary to be done, as fully and amply in all and every respect, as I myself might or could do, if I were personally present, ratifying and holding for, firm and effectual, all and whatsoever my said attornies, or their substitutes before said, shall lawfully do, or cause to be done in my name, in and about the premises, by virtue of these presents. In witness whereof, &c.

A letter of attorney to confirm a former letter, and to appoint another person in case of the absence or death of any of the other before appointed.

TO all to whom these presents shall come, I
A. Z. of L. in the county of N. send greeting,
Whereas I the said A. Z. did by virtue or power
of

of attorney, under my hand and seal, bearing date on or about the ninth day of August, which was in the year of our Lord, one thousand seven hundred and fifty, authorize and impower R. O. and P. A. of L. in the county of C. to be my lawful attornies, to ask, demand, seize, levy and recover of, and from all persons whatsoever, all sums of money now due, or shall, or may become due to me, by all and every way or means whatsoever, with as full authority as if I was personally present, and to give discharges in my name, or otherwise, confirming and allowing all and whatsoever my said attornies should lawfully do, or cause to be done, by virtue of the said recited power.

AND, whereas the said R. O. or P. A. or one, or both of them, may depart this life, or leave L. before my affairs may be finished. Now KNOW ALL MEN BY THESE PRESENTS, That I the said A. Z. do nominate and appoint C. M. esquire, of L. in the county of C. aforesaid, to be my true and lawful attorney, in case of the death or absence of either, or both of my present attornies R. O. and P. A. of L. aforesaid, for me, and in my name, to ask, demand, seize, levy and recover of, and from all persons whatsoever, all sums of money now due, or as shall or may become due to me, by all and every way or means whatsoever, with as full authority as if I was personally present, and to give discharges in my name, or otherwise confirming and allowing, all and whatsoever my said attorney shall lawfully do, or
cause

cause to be done, by virtue of these presents. AND the true intent and meaning hereof is, *That* if either the said R. O. or P. A. should happen to die, or leave L. aforesaid, until my affairs are finished, that then the said C. M. shall act jointly with the survivor, or which of them shall remain at L. or in case of the death or absence of both the said R. O. and P. A. then the said C. M. to have the sole power as aforesaid. In witness whereof, I have hereunto set my hand and seal the third day of March, in the year of our Lord one thousand seven hundred fifty-nine.

Signed, sealed, &c.

A. Z. (L. S.)

Some useful and common leases; that have, or may have some connection with the office and duty of a Steward.

A lease of coal mines.

THIS indenture made the third day of March, in the first year of the reign of our sovereign lord George the third, by the grace of God of Great-Britain, France, and Ireland, King, defender of the faith, and so forth, and in the year of our Lord one thousand seven hundred and sixty-one, between the right honourable F. lord C. and baron C. of H. M. in the county of B. of the one part, and A. B. of W. in the county of W. of the other part witnesseth, that the said right honourable F. lord C. for divers good causes and valuable considerations, him hereunto moving, and
for,

for, and in consideration of the sum of pounds, to him the said L. C. in hand paid, and also of the yearly rent and rents herein after expressed, to be paid by him the said A. B. hath demised, granted, and to farm, let, and by these presents doth demise, grant, and to farm, let unto the said A. B. all, and all manner of mines, pits and veins of coal, now open and known, or that may be found out by trenching, digging, sinking, or otherwise howsoever, lying or being in certain lands called or known by the name of with free liberty to, and for the said A. B. his executors and assigns, from time to time, and at all times, during the time hereafter-mentioned, to dig, search, sink, trench and mine, in and upon the said lands called lands as aforesaid, and every part and parcel thereof, at his and their wills and pleasure, for the searching out, having, and taking up coals, and the same so trenched, digged and found, to take and carry away from time to time, and at all times, during the term by these presents demised. *And furthermore*, for the greater benefit of him the said A. B. his executors and assigns, in digging, sinking, and trenching the said mines, on any part of the premises, one or more engines and machines, by horse, wind or fire, to make, erect and build, and at the expiration of the said term or lease hereafter granted, the same, with all the materials to remove, and take to his and their own proper use and behoof, without the let, hindrance and molestation of him

him the said right honourable lord C. his heirs, or assigns, except and always reserved unto the right honourable L. C. his heirs and assigns, all, and all manner of quarries heretofore demised by the said right honourable L. C. to C. D. of

to have and to hold the said mines and pits of coals, with free liberty of digging, trenching, searching, and carrying away the same, with all and singular other the premises, except before excepted, unto the said A. B. his executors, administrators and assigns, from the feast of the annunciation of the blessed virgin next ensuing the date hereof, unto the full end and term of *twenty-one years* ; yielding and paying therefore yearly, and every year, during the said term, unto the said right honourable L. C. his heirs, executors, administrators and assigns, the further yearly rent or sum of *sixty* pounds of lawful money of Great-Britain, at the two most usual feast days in the year for payment, that is to say, on the feast of St. Michael the arch-angel, and the feast of the annunciation of the blessed virgin, by even and equal portions, the first payment to begin, and to be made on the feast-day of St. Michael next ensuing the date hereof, or within *forty* days next ensuing either of the said feasts. And if it shall happen, that the said yearly rent of sixty pounds be behind and unpaid, in part or in all, by the said space of forty days next ensuing either of the said feasts, on which the same ought to be paid as aforesaid, being lawfully demanded,

manded, that then, and from thenceforth, and at all times afterwards, it shall, and may be lawful, to and for the said right honourable L. C. his heirs, executors, administrators and assigns, in, and upon the said mines, pits, and grounds, and on every part and parcel thereof, wholly to re-enter, and the same to have again, retain and repossess at his and their first and former estate, any thing aforesaid to the contrary thereof, in any wise notwithstanding. And the said A. B. for himself, his executors, administrators, and assigns, doth covenant to and with the said right honourable L. C. his heirs, executors, administrators and assigns, that he the said A. B. his executors, administrators, and assigns, at his and their own proper costs and charges, shall, and will, from time to time, and at all times hereafter, during the said term of twenty-one years, or upon a sooner expiration of this lease, or so long as any such mine or pit shall be digged or trenched, for searching and finding of coals as aforesaid, fill up the said mine or pit with meaner earth and rubbish, and levelling the same in such sort again, as the same may not be to the annoyance of the occupiers of the said soil and lands, whereon the said mines and pits are so sunk and occupied. And the said right honourable L. C. doth for himself, his heirs, executors, administrators and assigns, promise and grant, to and with the said A. B. his executors, administrators and assigns, that he the said A. B. his executors, administrators

tors

tors, and assigns, paying the rent hereby reserved, and performing the covenants before, in, and by these presents mentioned and reserved shall, and may lawfully, peaceably and quietly, have, hold, use, occupy, possess and enjoy, all the said premises granted by this demise, with their appurtenances, and every part and parcel thereof, without any manner of let, suit, trouble, disturbance, eviction, or interruption of the said right honourable L. C. his heirs, executors, administrators and assigns, or any of them, or of any other person or persons whatsoever, claiming from, by, or under him, them, or any of them, or by his or their means, act, title, consent, privity or procurement. In witness, &c.

N. B. There should be two leases (*or duplicates*) signed *mutatis mutandis*.

A lease of a ferry.

THIS indenture made the third day of March, in the first year of the reign of our sovereign lord George the Third, by the grace of God, of Great-Britain, France, and Ireland, King, defender of the faith, and so forth, and in the year of our Lord one thousand seven hundred and sixty-one, between the honourable Sir W. W. of R———hall in the county of N. Baronet, of the one part, and A. B. of R. in the county aforesaid of the other part witnesseth, that the said Sir W. W. for, and in consideration of the yearly

yearly rent and rents hereby after reserved, and of the covenants herein after mentioned, which on the lessees part, are to be performed and kept, hath demised, leased, and to farm, let, and by these presents doth demise, lease, and to farm, let unto the said A. B. his heirs, executors, administrators, and assigns, all that passage, ferry, standage and battalage, of B. in the county aforesaid, together with all easements and commodities thereunto belonging, in as large and ample manner and form, as T. H. or his assigns have hitherto had, and enjoyed the same. *To have and to hold* the said passage and ferry, and all other the premises by these presents mentioned to be demised, and every part and parcel thereof, with a messuage tenement, called and known by the name of the Ferry-house, with a croft adjoining, containing by estimation one rood and half of land, be the same more or less, with all other the appurtenances thereunto belonging unto him the said A. B. his executors, administrators, and assigns, from the feast of the annunciation of the blessed virgin, next ensuing the date hereof, unto the full end and term of fifteen years, yielding and paying yearly, and every year, during the said term, unto the said Sir W. W. his heirs, executors, administrators, and assigns, the yearly rent or sum of eight pounds of lawful money of Great-Britain, at the two most usual feasts or days of payment in the year; that is to say, On the feast of the annunciation of the blessed virgin, and St.

Michael the arch-angel; and the true intent and meaning of these presents are, that if the said yearly rent or sum of eight pounds, or any part or parcel thereof shall be behind and unpaid, by the space of fourteen days next over or after either of the feast days or times on which the same ought to be paid as aforesaid, being lawfully demanded, that then it shall and may be lawful, to and for the said Sir W. W. his heirs, executors, administrators, and assigns, into, and upon the said demised premises, or any part or parts of them, in the name of the whole to enter, and the same to have again, retain, repossess and enjoy, as in his and their former estate; and the said A. B. his executors, administrators, and assigns, and all the occupiers of the premises thereabout, and from thence to expel, put out, and amove; these presents, or any thing herein contained to the contrary thereof, in any wise notwithstanding. And the said A. B. for himself, his executors, administrators, and assigns, doth covenant, to and with the said Sir W. W. his heirs, executors, administrators, and assigns, by these presents, in manner and form following; that is to say, That he the said A. B. his executors, administrators, and assigns, shall and will yearly, and every year, during the continuance of this demise, well and truly pay, or cause to be paid, unto the said Sir W. W. his heirs, executors, administrators, or assigns, the above yearly rent or sum of eight pounds of lawful money of Great-Britain, at the
several

several feaft days, or days of payment above-mentioned for the payment thereof. And also that the said A. B. his executors, administrators, and assigns, shall and will, from time to time, and at all times hereafter during this demise, at his and their own proper costs and charges, well and sufficiently repair, uphold, sustain, maintain, amend, and keep the said demised messuage or tenement, with all, and all manner of needful and necessary reparations and amendments whatsoever; and shall from time to time, and at all times during the said term, maintain and keep such boat and boats, and all other things meet, fit and convenient for the said passage, ferry, standage and battalage, as hath been heretofore commonly accustomed and kept; and thereof shall from time to time, and at all times during the said term, acquit, discharge, and sufficiently save harmless the said Sir W. W. his heirs, executors, administrators, or assigns; and that he the said A. B. his executors or assigns, shall from time to time, and at all times during the said term, carry over, or cause to be carried over and brought back, or cause to be brought back again over and a-cross the ferry-place aforesaid, from to the said Sir W. W. and the lady his wife, and their heirs, children and servants, horses, and other live stock, hay, grain, and all other sort and sundry kind and kinds of stuff and implements whatsoever, when and so often as the said Sir W. W. the lady his wife, and their heirs, children, or any K k 2 other

other of his family, shall require to have themselves, their servants, horses, or other live stock and stuff to be carried over and across the said ferry and back again, from to

aforesaid, without demanding, taking, asking any thing therefore of the said Sir W. W. the lady his wife, his heirs, children, or family.

If any chief-rent is payable to the king, it is necessary to insert this clause. And the said Sir W. W. his heirs, executors, administrators, and assigns, shall at all time and times hereafter, and from

time to time, during the said term, acquit and discharge, and sufficiently save and keep harmless, as well the said passage or ferry, and all and singular the aforesaid premises, and every part and parcel thereof; as also the said A. B. his executors, administrators, and assigns, of, for, and from all, and all manner of quit-rents whatsoever, which in respect of the said demised premises, during the said term, shall grow due and payable to the king's majesty, his heirs, successors, or assigns, or to any other person or persons whatsoever, excepting the said yearly rent of eight pounds, before by these presents assigned. And that he the said Sir W. W. and his heirs, executors, administrators, and assigns, the said passage and ferry, and all other the aforesaid premises, with their appurtenances, unto the said A. B. his executors, administrators, and assigns, for the rent above recited, to be paid in manner and form aforesaid, shall warrant and defend, during all the said term of fifteen years as aforesaid. In witness whereof, &c.

A lease of a turbary.

THIS indenture made the tenth day of March, &c. between J. M. of the parish of W. in the county of B. Esquire, of the one part, and A. S. of the parish of T. in the county aforesaid, of the other part, witnesseth, that he the said J. M. for and in consideration of the sum of pounds of good and lawful money of Great-Britain, to him in hand paid by him the said A. S. at or before the sealing and delivery of these presents, the receipt whereof the said J. M. doth hereby acknowledge, and thereof, and of every part or parcel thereof, doth clearly and absolutely acquit, exonerate and discharge the said A. S. his executors and administrators for ever, by these presents, and for and in consideration of the further yearly rent in these presents reserved, and of the covenants herein after mentioned, which on the lessee's part are to be performed and kept, hath demised, leased, and to farm, let, and by these presents doth demise, lease and to farm, let unto the said A. S. all, and all manner of mines, pits, and veins of peat, turbary, sagg and turf, now open and known, or that may be found out by digging, sinking, trenching, or otherwise howsoever; lying and being in certain lands, called and known by the name of Spene-fields, containing ten acres and three roods of statute-measure, with free liberty to and for the said A. S. his executors and assigns, from time to time, and at all times, du-
ring

ring the term herein after mentioned and expressed, to dig, trench, sink, and mine, in and upon the said lands called Spene-fields, as aforesaid, and every part and parcel thereof, at his and their wills and pleasure, for the searching out, having, and taking up peat, turbary, fagg, and turf, and the same so trenched, digged and found, to take and carry away from time to time, and at all times, during the said term by these presents demised, with free liberty of ingress, egress and regress, to and for all, and all manner of teams of horses, oxen, and all other, and all manner of beasts of draught and burden, waggons, wains, carts, tumbrels, and all other, and all manner of utensils of carriage, and all carriages whatsoever, from the common road through a field, close or croft, called Bear-croft, leading into Spene-fields aforesaid, for the more ready and readier, easy and easier, carrying and conveying of the said peat, turbary, fagg, and turf, off the said demised premises, or from any part or parcel thereof, during the said term herein after mentioned, so that the same highway or road exceed not twelve feet of assize in breadth, as the same is to or shall be set out with doles, stones, or otherwise, by some significant mark or marks, denoting such breadth as above-mentioned; to have and to hold the said mine or mines, pit or pits, trenching and trenchings of turbary, with free liberty of searching for all and all manner of peat, turbary, fagg and turf, and carrying away the same,

same, with all and singular other the premises
aforesaid, unto the said A. S. his executors, ad-
ministrators, and assigns, from the feast of the an-
nunciation of the blessed virgin next ensuing the
date hereof, until the full end and term of twenty-
one years, fully to be compleat and ended, yield-
ing and paying therefore yearly and every year,
during the said term, the further rent or sum of
pounds of lawful money of Great-Britain,
at or on the two most usual feasts or days of pay-
ment in the year; that is to say, On the feast of
the annunciation of the blessed virgin, and the
feast of St. Michael the arch-angel, by even and
equal portions. Provided always, and the true
intent and meaning of these presents are, that if
the said yearly rent or sum of pounds, or
any part or parcel thereof shall be behind and un-
paid, in part or in the whole, by the space of
fourteen days next over or after either of the
feast days or times on which the same ought to
be paid as aforesaid, being lawfully demanded,
that then it shall and may be lawful, to and for
the said J. M. his heirs, executors, and assigns, in-
to the said demised premises, or any part or parts
of it, in the name of the whole to enter, and the
same to have again, retain, re-possess and enjoy,
as in his and their former estate; and the said
A. S. his executors, administrators, and assigns,
and all occupiers of the said premises thereabout,
and from thence to expel, put out, and amove;
these presents, or any thing herein contained to

the contrary thereof, in any wise notwithstanding. And he the said J. M. doth covenant to and with the said A. S. that he the said J. M. his heirs, executor, and assigns, shall and will from time to time, and at all times during this demise, pay and bear all manner of national taxes now imposed, or hereafter to be imposed upon the said demised premises, by the legislative power of this kingdom, called land-tax. And the said A. S. for himself, his executors, and assigns, covenanteth to and with the said J. M. his heirs, executors, and assigns, that he the said A. S. his executors and assigns, shall and will from time to time, and at all times hereafter during this demise, or sooner determination thereof, or so long as any peat, turbary, fagg or turf, shall be dug up or searched for, to level all such mine, or pit and pits, so as to make it proper and a fit recipient for the planting of oziers. And the said J. M. for himself, his heirs, executors and assigns, doth covenant, promise and grant, to and with the said A. S. his executors and assigns, by these presents, that he the said A. S. his executors and assigns, paying the said yearly rent, at the days and the times above-mentioned for the payment thereof, and performing and fulfilling, and keeping all the covenants and agreements above, in these presents specified, shall and lawfully may peaceably and quietly enjoy, have, hold, occupy and possess the said close or croft, called Spene-fields, by these presents demised, and every part and parcel thereof,

of, with free ingress, egress and regress as aforesaid, through Bear-croft, during all the abovesaid term of twenty-one years, without the lawful let, suit, trouble, eviction, or interruption of him the said J. M. his heirs, executors, or assigns, or any claiming, or to claim from, by, or under him, them, or any of them. In witness, &c.

All LEASES for the searching of *fossils* running nearly alike, I have therefore purposely omitted those of copper, tin, iron, oker, stone, slate, &c. which may be drawn by those of coal and tur-bary.

N. B. In Cornwall and Devonshire, it is common for the lord of the soil to be a sharer as a fifth, two sevenths, two ninths, &c. as by agreement at letting and taking the set, as they term it.

A Lease of a Warren.

THIS Indenture made the day of
in the of the reign of our sovereign lord
by the grace of God of Great-Britain,
France, and Ireland, King, defender of the faith,
and so forth, and in the year of our Lord
between J. C. of the pa-
rish of in the county of N.
of the one part, and E. B. of the parish of
in the county witnesseth,
that he the said J. C. for, and in consideration of
the yearly rent in these presents reserved, and of
the

the covenants herein after mentioned, which on the lessee's part are to be performed and kept, hath demised, leased, and to farm, let, and by these presents doth demise, lease, and to farm, let unto the said E. B. his heirs, executors, administrators, and assigns, all that common of free-warren, commonly called and known by the name of warren, lying within the parish and precincts of in the county together with a messuage, tenement, standing upon the said common or warren, commonly called and known by the name of house, with an orchard and croft adjoining to the same, containing acres, with all and singular other the premises thereunto belonging, or in any ways appertaining to the same, together with all the coneyes or rabbits in and upon the said ground, being with the encrease, gains, profit and advantage, from time to time, and at all times arising, coming, growing and renewing of the said coneyes, in and on the said ground, being, and to the same ground belonging, or in any ways appertaining to the same, there to hunt, hey, ferret, and pitch nets, or other means to use for the more and most benefit and advantage of him the said E. B. his executors, administrators, and assigns, that he or they can or may devise, in as large, ample and beneficial manner and form, as any other person or persons whatsoever have heretofore had, held, used, occupied, or enjoyed the same, to have and to hold the said ground, warren and game of coneyes

neys or rabbits in the same, being, or in any other ways appertaining to the same, and to the same belonging, with all the gain, profit and profits, advantage and advantages to the same belonging and renewing as aforesaid, unto the said E. B. his executors, administrators, and assigns, from the day of last past, unto the full end and term of years, from thence fully to be compleat and ended, yielding and paying therefore yearly, and every year during the said term, the rent or sum of pounds of lawful money of Great-Britain, at, or on the two most usual feasts or days of payment in the year; that is to say, On the feast of the and the feast by even and equal portions. Provided always, and the true intent and meaning of these presents are, that if the said yearly sum of pounds, or any part thereof, shall be behind and unpaid, in part or in all, by the space of days next, over or after either of the said feast days or times, on which the same ought to be paid as aforesaid, being lawfully demanded, that then it shall and may be lawful to and for the said J. C. his heirs, executors, administrators, and assigns, into the said demised premises, or in any part or parts of them, in the name of the whole to enter, and the same to have again, retain, re-possess and enjoy, as in his or their former estate; and the said E. B. his executors, administrators and assigns, and all the occupiers of the premises, thereabout, and from
thence

thence to expel, put out, and amove these presents, or any thing herein contained, to the contrary thereof in any wise notwithstanding. And the said E. B. for himself, his executors, administrators, and assigns, doth covenant to and with the said J. C. his heirs, executors, administrators and assigns, by these presents in manner and form following; that is to say, That he the said E. B. his executors, administrators and assigns, shall and will yearly, and every year during the continuance of this demise, well and truly pay, or cause to be paid unto the said J. C. his heirs, executors, administrators and assigns, the above yearly rent or sum of pounds of lawful money of Great-Britain, at the several feast days, or days of payment above-mentioned, for the payment thereof. And also, that the said E. B. his executors, administrators and assigns, shall, and will from time to time, and at all times hereafter during this demise, at his and their own proper costs and charges, well and sufficiently repair, uphold, sustain, maintain, amend and keep the said warren-house, and all other its appurtenances, and every part thereof, in, by, and with all, and all manner of needful and necessary reparations and amendments whatsoever. And that he the said E. B. shall and will also from time to time, and at all times hereafter during this demise as aforesaid, at his and their own proper costs and charges, well and truly keep up and maintain, all fences, hedges, ditches, fosses, buttals and boundals of the
the

the said warren. And also at the end or sooner determination of this demise, leave the berry and coney-clappers sufficiently covered with thorn, furz, heath, or such other cover as the said ground or warren naturally, or is prone by nature and quality to produce. And the said J. C. for himself, his heirs, executors, administrators, and assigns, doth covenant, promise and grant to and with the said E. B. his executors, administrators, and assigns, by these presents, that he the said E. B. his executors, administrators, and assigns, paying the said yearly rent at the day and days, time and times appointed as above-mentioned for payment thereof, and performing, fulfilling, and keeping all the covenants and agreements above, in these presents specified, shall and lawfully may peaceably and quietly enjoy, have, hold, occupy and possess the said warren, ground and game of coneys or rabbits, and all other the properties of right thereunto belonging, or in any wise appertaining, with the messuage, tenement, orchard, and croft adjoining to the same, by these presents demised, and every part and parcel thereof, with the appurtenances and members thereof, during all the abovesaid term of years, without the lawful let, suit, trouble, eviction or interruption of him the said J. C. his heirs, executors, administrators, and assigns, or any claiming, or to claim from, by, or under him, or any of them. In witness whereof the parties first above-mentioned, have to these presents interchangeably set their
hands

hands and seals, the day and year first above written.

A Lease of a Mill.

THIS Indenture made day of
in the year of the reign of our sovereign
Lord by the grace of God, of Great-Bri-
tain, France, and Ireland, King, defender of the
faith, and so forth, and in the year of our Lord
one thousand seven hundred and between
the most noble C. duke of B. of the one part,
and T. A. of of the other part witnesseth,
That he the most noble C. duke of B. for and in
consideration of the rent and covenants hereafter
in these presents expressed and reserved, which on
the lessee's part are to be performed and kept,
and also for other reasonable considerations him
thereunto moving, hath demised, granted, and to
farm, let, and by these presents doth for himself,
his heirs, executors, administrators, and assigns,
demise, grant, and to farm, let unto the said
T. A. all that corn, water-mill and mills, consist-
ing of, and containing four pair of stones, two
of which are French, one Cologn, and one pair
of peak-stones under one roof, with a dwelling-
house adjoining to the same, commonly called
and known by the name of S. mills, with all
other the appurtenances thereunto belonging, or
in any other ways appertaining to the same, situ-
ate and standing on the river N. and being with-
in the parish, liberties and precincts of S. &c.
some-

sometimes in the tenure and occupation of one E. D. and now or late in the tenure and occupation of N. C. or his assigns, and the ground and soil whereupon the said mill and mills do stand, with a certain piece or plot of ground called the Mill-holm, and a clod or island in the said river, called and known by the name of the *Decoy*, together with two pieces of pasture and meadow ground, containing acres of statute measure, and also all the site of mill, as well customary as conventional, of all the tenants of the *manor or manors* of in the county of afore-said, and all the toll and custom for grinding all and all manner of corn and grain whatsoever, as well of all the tenants and under-tenants of the said manor, now being, or which hereafter shall dwell, abide and inhabit within the said manor and manors of aforesaid, and also all toll, benefit and custom for grinding all and all manner of corn and grain whatsoever, and wheresoever he the said T. A. shall gather, or cause to be gathered and brought to the said mill or mills to be ground; and also all and singular head-wears and mill-ponds, and the soil whereon the said head-wears and mill-ponds stand and are builded, and all head-wears hereafter to be made and builded, and all the soil and earth thereof, and all and all manner of mill-pools, mill-dams, stanks, banks, ponds, streams, water, water-courses, rivers, fishing, fishing-places, fishing-garths, ways, paths, passages, easements, profits,

profits, commodities, advantages, emoluments, and appurtenances whatsoever, to the said mill or mills, and other the premises by these presents demised and granted, or any of them, or to any part or parcel thereof, incident, belonging or appertaining, or with the same now, or at any time heretofore let, used, occupied, had, taken, reputed or enjoyed, to have and to hold the said mill or mills, and the ground and soil thereof, with the appurtenances and the said site or mill of all the tenants of the said *manor and manors*, and the said toll and custom of grinding of all and all manner of corn and grain whatsoever, of the said tenants and inhabitants within the said manor and manors of and also all toll, benefit and custom for grinding all and all manner of corn and grain whatsoever, and wheresoever he the said T. A. shall gather, or cause to be gathered and brought to the said mill or mills to be ground as aforesaid, and the said wears, mill-dams, mill-ponds, and the ground and soil thereof, mill-pools and stanks, banks, rivers, streams, ways, passages, fishings, and fishing-garths; and all and singular other the premises herein before mentioned, or intended to be hereby demised and granted, and every part and parcel thereof, with the appurtenances unto the said T. A. his executors, administrators, and assigns, from the feast day of *last past, before the date hereof*, for and during, and unto the full end and term of years, from thence next ensuing, and fully

fully to be compleat and ended, yielding and paying therefore yearly, and every year during the said term, the yearly rent or sum of pounds of lawful money of Great-Britain, at the two most usual feasts or terms of payment in the year for payment; that is to say, At the feast

and the feast of by even and equal portions, the first payment to begin and to be made at or on the feast day of next ensuing the date hereof; and if it shall happen that the said yearly rent of pounds, or any part or parcel thereof, be behind and unpaid by the space of days next over or after either of the said feasts, or days of payment whereon the same ought to be paid as aforesaid, being lawfully demanded, that then, and from thenceforth, and at all times afterwards, it shall and may be lawful to and for the said most noble C. duke of B. his heirs, executors, administrators, and assigns, to enter into the said demised premises, and every part and parcel thereof to re-enter, and the same to have again, detain and possess, as in his and their first and former estate; and the said T. A. his executors, administrators, and assigns, thereout, and from thence utterly to expel, put out, and amove these presents, or any thing herein contained to the contrary thereof, in any wise notwithstanding. And the said T. A. for himself, his executors, administrators, and assigns, and for every of them, doth covenant, promise and grant, to and with the said most noble C. duke of B. his heirs, execu-

tors, administrators, and assigns, by these presents, in manner and form following; that is to say, That he the said T. A. his executors, administrators, and assigns, shall within the space of three years next ensuing the date hereof, shall and will at his and their own proper costs and charges, lay out, disburse and bestow upon, about, and in repairing, bettering and amending the said mill or mills, before hereby demised, the sum of pounds, as he or they shall be thereunto directed and ordered, and to such and such use and uses as shall be most necessary, and as shall be thought most necessary by his grace's steward of and for the said manor and manors of for the time being, or some other agent thereunto lawfully authorized and appointed to order and inspect the same. And also that he the said T. A. his executors, administrators, and assigns, at his and their like proper costs and charges, shall and will, well and truly, sufficiently and substantially, repair, amend, maintain, uphold and keep the said mill or mills, with all other the demised premises, with their appurtenances, in, by, and with all, and all manner of needful and necessary reparations and amendments whatsoever, when and as often as need shall require, over and above, and after the aforesaid sum of pounds have been laid out and expended as aforesaid, and the same mill or mills, and all other the premises, with their appurtenances, so being from time to time well and sufficiently repaired, upholden, amended and

and maintained, in the end or sooner determination of this present lease, shall and will leave, and quietly yield up unto the said most noble C. duke of B. his heirs or assigns, without any equivocation or vexation whatsoever. And the said T. A. for himself, his executors, administrators, and assigns, doth likewise covenant and grant to, and with the said most noble C. duke of B. his heirs and assigns, that he the said T. A. his executors, administrators, and assigns, shall and will well and truly pay, or cause to be paid to the said most noble C. duke of B. his heirs, executors, administrators, or assigns, the said yearly rent of pounds, in manner and form as is before in these presents expressed, limited and declared. And he the said T. A. doth covenant for himself, his executors, administrators, and assigns, that he the said T. A. his executors, administrators, and assigns, shall and will during this demise, not take any more custom or toll than pounds, out of pounds avoirdupoise, of all corn or grain (waste included) of all and every *freeholder*, tenant and tenants, of and within the parish and parishes of and within the manor and manors of ground at S. mill or mills aforesaid, and on the taking of more than the afore-mentioned custom or toll hereby agreed for, and to be taken as aforesaid, and not returning the overplus so taken to the owner thereof, and suitor of the said mill or mills, according to the true intent and meaning of these presents, and

L l 2

thereof

thereof being lawfully convicted at the court and courts, kept and held for the manor or manors of aforesaid, to be amerced, and to stand and abide by such amercement and amercements, as shall be imposed by the steward and jury of the court and courts aforesaid. And the said most noble C. duke of B. for himself, his heirs and assigns, doth covenant and grant to and with the said T. A. his executors, administrators, and assigns, that in case any of the tenants, or other inhabitants of the of within the manor or manors of shall or do at any time or times hereafter, during the said term hereby granted, withdraw or surcease to do suit of mill to the said mill or mills, to send, bring or carry, or cause to be sent, brought or carried, their, or any of their corn or grain whatsoever, to the said mill or mills, by these presents demised, there to have the same ground, or shall send or carry the same to any other place or places, to any mill or mills to be ground, then the steward or stewards of the said manor or manors for the time being, shall and will, upon every presentment and presentments thereof, and being thereof lawfully convicted, make, set and impose upon every such freeholder, tenant and tenants, and other inhabitants so withdrawing, and not doing his or their suit or suits of mill, to the said mill or mills, such lawful and reasonable fine and fines, amercement and amercements, from time to time, as in such case is lawful and usual, and the same fine or amercia-
ment

ment shall receive or levy, and being so received or levied, pay or deliver the same, or so much thereof as the said T. A. his executors, administrators, or assigns, shall be prejudiced or damaged, by reason of such withdrawing as aforesaid, unto the said T. A. his executors, administrators, or assigns. And lastly, the said most noble C. duke of B. for himself, his heirs and assigns, doth covenant, promise and grant to, and with the said T. A. his executors, administrators, and assigns by these presents, that he the said T. A. his executors, administrators, and assigns, and every of them, for and under the payment of the said yearly rent of pounds, above by these presents reserved in manner and form aforesaid, and performing, fulfilling and keeping, all and singular the covenants, grants, articles, clauses and agreements, before in these presents contained, which on his, and their parts, are and ought to be observed, performed, fulfilled and kept, shall, and may lawfully, peaceably and quietly, have, hold, occupy, possess and enjoy, all and singular the said demised premises, and every part and parcel thereof, with their and every of their appurtenances, without lawful let, suit, trouble, eviction, ejection, molestation or interruption, whatsoever, of him the most noble C. duke of B. his heirs or assigns, or any other person or persons whatsoever, claiming or to claim, from, by, or under him, for, or by reason of his act,

L 1 3

title,

title, means, assent, consent, or procurement. In witness, &c.

N. B. By consulting the before-mentioned lease, it will be easy to draw any other sort of lease of mills, and of any other sort of mills, whether of wind, water, paper, &c.

A short lease of tythes.

THIS Indenture made the day of
in the year of the reign of our sovereign
lord by the grace of God of Great-
Britain, France, and Ireland, King, defender of
the faith, and so forth, and in the year of our
Lord one thousand between Sir
E. S. of hall, in the county of C. knight,
of the one part, and M. D. of the parish of
 in the county of yeoman, of the other
part witnesseth, That the said Sir E. S. for divers
good causes and considerations, him hereunto es-
pecially moving, hath demised, granted, and to
farm, let, and by these presents doth demise,
grant, and to farm, let unto the said M. D. and
his assigns, all the tythes of corn, grain and hay,
yearly coming, renewing and growing within the
parish and precincts of in the county of
and now held by of to have and
to hold, receive, take and enjoy all the said tythes
of corn, grain and hay, unto the said M. D. and
his assigns, from and immediately after the date
of these presents, unto the full end and term of
years

years from thence next ensuing, and fully to be compleat and ended, and that in as large and ample manner, as the same were lately held and enjoyed by him the said E. S. yielding and paying therefore yearly, and every year, during the said term, unto the said Sir E. S. his heirs and assigns, the full sum of pounds of good and lawful money of Great-Britain, at the feast of St. at one whole entire payment; and if it shall happen, that the said yearly rent of pounds be behind and unpaid, in part or in the whole, by the space of days next, over or after the said feast on which the same ought to be paid as aforesaid, being lawfully demanded, that then, and for every such default, the said M. D. and his assigns, shall forfeit and pay unto the said Sir E. S. his heirs and assigns, the sum of over and beside such arrearages as then shall happen to be behind and unpaid. And the said Sir E. S. for himself, his heirs and assigns, doth covenant to and with the said M. D. and his assigns, that he the said M. D. his executors and assigns, shall, and may at all time and times, from henceforth, for and during all the said term hereby granted, peaceably and quietly, have, hold, occupy, possess and enjoy, all the said tythes of corn, grain and hay, (paying the rent before reserved) without any manner of lawful let, eviction, disturbance, or contradiction of the said Sir E. S. his heirs or assigns, or of any other person or persons, by his or their

L 1 4

means,

means, consent or procurement. In witness,
 &c.

A lease of land in any of our plantations abroad.

THIS Indenture made the day of
 in year of the reign of our sovereign lord
 by the grace of God, of Great-Britain,
 France, and Ireland, King, defender of the faith,
 and so forth, and in the year of our Lord one
 thousand between R. C. of &c. and
 M. S. of, &c. witnesseth, That the said R. C.
 for divers good causes and considerations, him
 hereunto especially moving, hath demised, grant-
 ed and to farm, let, and by these presents doth
 demise, grant, and to farm, let unto the said M. S.
 all that his own share, part and portion of land,
 containing in all by estimation acres of
 land, be the same more or less, situate and being
 in, &c. as the same was lately, and now is sepe-
 rated and divided from other lands now inhabited
 by, &c. planters, or their assigns, (*any clause of
 allotment*) and now are, or lately were in the te-
 nure and occupation of or his assigns;
 and also of land, being part or parcel
 of, &c. lying within, &c. (*any clause of allotment*)
 the same to be measured and set out in some con-
 venient place of the said share of land adjoining
 upon, or near unto the *fresh water*, together with
 free ingress, egress and regress, way and ways of
 passage to and for the said M. S. his executors,
 servants, and assigns, by and through, &c. at all
 time

time and times, and by all fitting and convenient ways and passes to fetch water from springs and rivulets thereunto adjoining, as need shall require, to have and to hold the said share of land, and of land, and all other the above demised or meant, mentioned or intended to be demised premises, with their and every of their rights, members and appurtenances whatsoever, unto the said M. S. his executors, administrators, and assigns, from the feast of next ensuing the date hereof, unto the full end and term of years, from thence next ensuing, and fully to be compleat and ended, yielding and paying therefore yearly, and every year during the said term of years, unto the said R. C. his heirs, executors, administrators, and assigns, the *(what part or share of the profits and gains)* whatsoever, which yearly be made or raised by, or by means of the plowing, digging, setting, planting, sowing, manuring and employing of the said lands and premises above, by these presents demised, or meant or mentioned to be demised, and every, or any part thereof, or by any other ways or means whatsoever, the same to be yearly, and every year once or oftner (as shipping may conveniently be had) sent into England, consigned to, and for the use of the said R. C. his heirs, executors, or assigns, for, and in full satisfaction and payment of all, and all manner of rent and rents whatsoever; and the said M. S. for himself, his executors, administrators, and assigns, doth covenant

venant to and with the said R. C. his heirs, executors, administrators, and assigns, by these presents, in manner and form following; That he the said M. S. his executors, administrators, and assigns, shall and will once in every year, yearly or oftner, during the said term hereby granted, and as shipping may be conveniently had as aforesaid, make and send unto the said R. C. his heirs or assigns, a just and true account how the said lands and premises hereby demised, have until that time been employed and used, and also with the same account, shall, and will send and deliver, or cause to be delivered unto, and for the use and behoof of the said R. C. his heirs, executors, administrators, and assigns, unto the port and city of

(what part or share of the profits and gains as aforesaid) and above by these presents reserved, which shall happen to be accrued and risen by the means of the husbanding and employing of the said lands and premises by these presents demised; and shall and will, from time to time, and at all convenient times, send and deliver, together with the said rent above reserved unto the said R. C. his executors, administrators, and assigns, all the other or part of all the profits or gains, and of all the profits and gains which shall happen to be accruing and arising by means of the said husbanding and employing of the said lands and premises, in such sort as aforesaid, or so much thereof over and above the said rent, as shall be due and payable by virtue of these presents, until the

the sum of pounds shall be fully and duly satisfied and paid within the space of years, unto the said R. C. his executors, administrators, and assigns; which sum he the said R. C. at and before the enfealing and delivery of these presents, did disburse and lay out for the furnishing of the said M. S. with implements, utensils, and other necessaries, to be used and employed in and about the manuring, managing, cultivating and dressing of the said lands above-mentioned to be demised. And further, That he the said M. S. his executors, administrators, or assigns, or some of them, shall and will from time to time, and at all times hereafter, during the continuance of this demise, in good order of husbandry, set, sow, plant and employ, the lands and premises hereby demised, to the best advantage, according to the custom of the country, there used and to be used. And also shall and will, at his and their own proper costs and charges, erect, build and set up in good order of workmanship, one convenient house upon some most commodious place of the premises. And further, That he the said M. S. his executors, administrators, or assigns, shall not, and will not at any time or times hereafter, during the continuance of this present lease, demise or grant the premises to any person or persons whatsoever, for and during the time hereby granted, or any part or parcel thereof, without the licence of him the said R. C. his heirs or assigns, under their hands and seals first to be obtained and had,

or make any wilful waste or spoil upon any of the cedar or any any other kind or kinds of timber, of what kind or denomination whatsoever, now standing, growing or being, or which at any time hereafter shall stand, grow, or be upon the premises, or any part or parcel thereof, other than for their necessary use and uses. And also that he the said M. S. his executors, administrators, and assigns, at his and their own proper costs and charges, shall and will well and truly, sufficiently and substantially, repair, amend, maintain, uphold, and keep up the said house, and all other the edifices so built and erected as aforesaid, and all other the demised premises, with their, and every of their appurtenances, in, by, and with all and all manner of needful and necessary reparations and amendments whatsoever, when, and as often as need shall require. And in the end or sooner determination of this demise, shall and will leave, and quietly yield up the same unto the said R. C. his heirs and assigns. And the said R. C. for himself, his heirs and assigns, doth covenant, promise and grant, to and with the said M. S. his executors, administrators, and assigns, by these presents, That he the said M. S. his executors, administrators, and assigns, paying and returning the yearly rent, share and shares, profit and profits, and performing all, and all manner of the covenants and agreements herein expressed, or hereby meant to be expressed in these presents above specified, shall, and lawfully may
peace-

peaceably and quietly have, hold, occupy and possess the said lands, plantation and plantations, by these presents demised, and every part and parcel thereof, with it, and their and every of their, and its appurtenances thereunto belonging, or in any ways appertaining to the same, for, and during all the abovesaid term of years, without the lawful let, suit, trouble, eviction, or interruption of him the said R. C. his heirs, executors, administrators and assigns, or any claiming, or to claim, from, by, or under him, them, or any of them, or by his, their, or any of their means and procurement. Provided always, that if it shall or should happen, that the said yearly rent, share or shares, be behind unreturned or unpaid, by and for the space of calendar months, the danger of the seas, pirates and mart of princes only excepted, or if default shall be made of or in the performance of any of the covenants, grants, articles, payments, returns and agreements herein contained, on the part and parts of him the said M. S. his executors, administrators and assigns, that then, and from thenceforth, it shall and may be lawful to and for the said R. C. his heirs and assigns, the said M. S. his executors, administrators, and assigns, and all other the occupiers of the same thereout, and from thence utterly to expel, put out, and amove, and into the said premises, with the appurtenances above by these presents demised, or any part or parcel thereof, in the name of the whole, wholly
to

to re-enter, and the same to have again, retain or possess and enjoy, as in his and their first and former estate, this indenture, or any thing herein contained to the contrary thereof, in any wise notwithstanding. In witness whereof the parties to these presents have interchangeably set their hand and seals the day and year first above-written.

N. B. With regard to building the house, the tenant may be obligated to a certain sum.

A lease of a farm, with exceptions and good covenants.

THIS Indenture made the day of
in the year of the reign of our sovereign
lord by the grace of God, of Great-
Britain, France, and Ireland, King, defender of
the faith, and so forth, and in the year of our
Lord one thousand seven hundred and
between C. B. of the parish of in the
county of on the one part, and T. W.
of the parish of in the on the other
part witnesseth, That he the said C. B. for divers
good causes and considerations, him thereunto especially moving, hath demised, granted, and to
farm, let, and by these presents doth demise,
grant, lease, and to farm, let unto the said T. W.
his executors, administrators, assigns, all that messuage, tenement, or farm-house, standing and being situate in aforesaid, with the appurtenances, and all houses, edifices, buildings, barns, stables, orchards, gardens, lands, tenements,
mea-

meadows, feeding pastures, and commons of pasture, and all profits and commodities whatsoever, to the said messuage, tenement, or farm-house, now belonging, or in any ways appertaining, together with yard-lands, lying and being dispersed in the open common and commonable fields of aforesaid, with all and all manner of common, and right of common to the said yard-lands, belonging, or in any ways appertaining to the same, together with closes and meadows of enclosed ground, lying also within the parish and precincts of aforesaid, all which is, or lately were in the tenure and occupation of A. B. or his under-tenants, except and always reserved unto the said C. B. his executors and assigns, all and all manner of woods, underwoods, hedges, rows, and timber trees, now standing, growing and being, or which hereafter shall stand, grow, or be in and upon the said demised premises, or in and upon any part or parcel thereof, to have and to hold the said messuage, tenement, or farm-house, houses, edifices, buildings, barns, stables, orchards, lands, meadows, feeding pastures, and commons of pasture, together with yard-lands, with all and all manner of common, and right of common to the said yard-lands, belonging, or in ways appertaining to the same, with the said closes and meadows of enclosed ground, together with all and all manner of the premises above-mentioned, or intended to be mentioned, as the same is, or lately were in the tenure and occupation of

of

of him the said A. B. or his under tenants as
aforesaid, (except before excepted) unto him the
said T. W. his executors, administrators, and as-
signs, from the feast day of for and
during, and unto the full end and term of
years, and fully to be compleat and ended, yield-
ing and paying therefore yearly, and every year
during the said term, unto the said C. B. his exe-
cutors, administrators, and assigns, the rent, or
yearly sum of pounds of good and lawful
money of Great-Britain, at the most usual feast
days in the year, or days of payment ; that is to
say, On the feast and the feast of
by two even and equal portions.

And if it shall so happen, that the said yearly
rent of pounds, or any part or parcel
thereof, to be behind and unpaid by the space of
days next over or after either of the said
feast days on which the same ought to be paid,
being lawfully demanded, that then, and from,
and from thenceforth, and at all times after and
afterwards, it shall and may be lawful to and
for the said C. B. his executors, administrators,
and assigns, to enter into the said demised mes-
suage, tenement, farm-house, and all other the
demised premised premises, or any part or parcel
thereof, in the name of the whole to enter, and
the same to have again, retain, re-possess and en-
joy, as in his or their first and former estate, and
the said T. W. his executors, administrators, and
assigns, and all other the occupiers of the said
demised

demised premises thereabout, and from thence to expel, put out, and amove these presents, or any thing herein contained to the contrary thereof, in any wise notwithstanding. And the said T. W. for himself doth covenant to, and with the said C. B. his executors, administrators, and assigns, in manner and form following; that is to say, That he the said T. W. his executors, administrators and assigns, at his and their own proper costs and charges, shall and will from time to time, and at all times hereafter, during this demise or term of years by these presents granted, when and as often as need shall require, well and sufficiently repair, support, sustain, maintain, uphold, and amend the said messuage, tenement, or farmhouse, and all other the houses, edifices, buildings, barns, stables, cart and wain-houses, and all other the buildings and edifices thereunto belonging, or in any ways appertaining to the same, or in any ways belonging, with all and all manner of needful and necessary reparations whatsoever, (*rough timber only excepted.*) And also shall and will at all time and times hereafter, and from time to time, during this demise or term of years as aforesaid, at his and their like costs and charges, well and sufficiently scour, cleanse and fey, all the ponds, pools, and watering-places; and shall also well and sufficiently hedge, fence, ditch, inclose, and amend, all and singular the hedges, fences, ditches, and inclosures, belonging to the said demised premises, in, by, and with all, and all manner of

Vol. II. M m hedging,

hedging, fencing, ditching, and inclosing, when and as often as need shall require during the said term, as well the said messuage, tenement, or farm-house, houses, edifices, buildings, barns, and stables, with their, and every of their appurtenances, and every part and parcel thereof, so well and sufficiently repaired; as also all the ponds, pools, watering-places, hedges, fences, ditches, and inclosures aforesaid, well and sufficiently supported and amended, in, and at the end of the said term, or other determination of this present lease, shall leave and yield up into the hand and possession of him the said C. B. his executors, administrators, or assigns. And the said T. W. for himself, his executors, administrators, and assigns, doth covenant to and with the said C. B. that he the said T. W. his executor, administrators, and assigns, shall permit and suffer the said C. B. and his assigns, to plant in and upon some convenient place of the said demised premises, and in and upon such a part or parcel thereof, as they shall think meet and fit, one *orchard*, not exceeding the quantity of with such sort of fruit-trees *and other trees*, as he the said C. B. and his assigns, shall order and direct to be planted, and the same *orchard* so made and planted with fruit or other trees, shall and may fence, preserve and keep so much as in him and his shall be, from spoil and hurt of cattle, and from all other harm and destruction whatsoever. And the said T. W. for himself doth covenant, to and with

with the said C. B. his executors, administrators, and assigns, that he the said T. W. his executors, administrators, and assigns, or any of them, shall not at any time or times hereafter, during the term before in and by these presents granted, plow up, or otherwise deface or spoil, *not only* the meadows and meadow-ground, *but also* belonging to the said demised premises, or any part or parcel thereof. And also that he the said T. W. his executors, administrators, or assigns, shall and will, at or in the end of the said term of years before by these presents granted, or other determination of this present lease, deliver and yield up the quiet possession of all and singular the before demised premises, and every part and parcel thereof, unto the said C. B. his heirs and assigns. And the said C. B. for himself, his heirs, executors, administrators, and assigns, doth covenant to and with him the said T. W. in manner and form following; that is, That he the said T. W. his executors, administrators, and assigns, and every of them, for and under the yearly rent before by these presents reserved, and other the covenants, grants, articles and agreements in these presents contained, shall and may peaceably, lawfully and quietly, have, hold, use, occupy, possess, and enjoy, all and singular the said messuage, tenement, or farm-house, houses, edifices, buildings, lands, meadows, orchards, gardens, and all other the before demised premises, and every part and

parcel thereof, (except before excepted) for and during the said term of years, before by these presents granted, without any manner of lawful let, suit, trouble, eviction, disturbance or contradiction of the said C. B. his heirs, executors, administrators, or assigns, or any of them, or of any other person or persons whatsoever, by his, their, or any of their means, act, title, or procurement. And further it is agreed by, and between the said parties to these presents, that he the said C. B. his heirs, executors, administrators, or assigns, shall pay and bear all and all manner of tax and taxes, commonly called the land-tax, which is already imposed, or which shall or may be hereafter imposed upon the said demised premises by authority of parliament. And that he the said T. W. his executors, administrators, and assigns, shall bear and pay the duty of windows and lights which is already imposed, or which shall or may hereafter be imposed upon the said demised premises by the authority aforesaid. In witness whereof the parties to these presents have interchangeably set their hands and seals, the day and year first above-written.

A Lease of a house in London, or any other great town, &c.

THIS Indenture made the day of
in the year of the reign of our sovereign
Lord by the grace of God, of Great-Bri-
tain, France, and Ireland, Defender of the
faith,

faith, and so forth, and in the year of our Lord
between A. B. of the parish of,
&c. of the one part, and C. D. of, &c. of the
other part witnesseth, that the said A. B. for and
in consideration of the yearly rent in these pre-
sents reserved, and of the covenants herein after-
mentioned, which on the lessee's part are to be
performed and kept, hath demised, leased, and
to farm, let, and by these presents doth demise;
lease, and to farm, let, unto the said C. D. his
heirs, executors, administrators, and assigns, all
that messuage or tenement, with the appurtenan-
ces thereunto belonging, or in any ways apper-
taining, situate and being westward, &c. which
said house doth contain in front from east to west,
twenty feet of assize, little more or less, and in
depth one hundred feet of assize or thereabouts,
which said house and premises are now in the te-
nure and occupation of, &c. The said tenement
abutting east on the house of and west on
the house of to have and to hold the said
messuage or tenement, and premises, with the ap-
purtenances thereunto belonging, unto the said
C. D. his executors, administrators, and assigns,
from, &c. next ensuing the date of these pre-
sents, for and during, unto the full end and term
of years from thence next ensuing, fully
to be compleat and ended, yielding and paying
therefore yearly, and every year during the said
term, the rent or sum of pounds of lawful
money of Great-Britain, at or on the four most

usual feasts or days of payment in the year, that is to say, the annunciation of the blessed virgin, St. John the Baptist, St. Michael the arch-angel, and St. Thomas the apostle, by even and equal portions. Provided always, and the true intent and meaning of these presents are, that if the said yearly rent or sum of pounds, or any part or parcel thereof, shall be behind and unpaid, in part or in the whole, by the space of days next over or after any of the feast days or times on which the same ought to be paid as aforesaid, being lawfully demanded, that then it shall and may be lawful to and for the said A. B. his heirs, executors, administrators, and assigns, to enter into the said demised messuage or tenement, and premises, or any part or parts of them, in the name of the whole to enter, and the same to have again, retain, re-possess and enjoy, as in his or their first and former estate, and the said C. D. his executors, administrators, and assigns, and all others the occupiers of the premises thereabout, and from thence to expel, put out, and amove; these presents, or any thing herein contained to the contrary thereof, in any wise notwithstanding. And the said C. D. for himself, his executors, administrators, and assigns, and every of them, doth covenant to and with the said A. B. his executors, administrators, and assigns, and every of them by these presents, in manner and form following, That is to say, that he the said C. D. his executors, administrators, and assigns, and every of them,

them, shall and will yearly, and every year during the continuance of this demise, well and truly pay, or cause to be paid unto the said A. B. his executors, administrators, or assigns, the above yearly sum of pounds of lawful money of Great-Britain, at the several feast days, or days of payment before-mentioned, for the payment thereof. And also, that he the said C. D. his executors, administrators, and assigns, shall and will from time to time, and at all times hereafter during this demise, at his and their own proper costs and charges, well and sufficiently repair, uphold, sustain, maintain, amend and keep the said demised premise, and every part and parcel thereof, in, by, and with all and all manner of needful and necessary reparations and amendments whatsoever, and the same premises being so sufficiently repaired, upheld, sustained, maintained, and kept, shall and will at the abovesaid term, or other sooner determination thereof, peaceably and quietly leave and yield up to the said A. B. his executors, administrators, and assigns, the casualty of fire only excepted. And likewise that it shall and may be lawful to and for the said A. B. his executors, administrators, and assigns, and every of them, *and also for the ground landlord*, and all other who ought of right with servants and workmen, or without, twice in the year or oftner, during the said term, to enter and come into, and upon the said demised premises, and into and upon every part and parcel thereof, to view,

M m 4

search,

search, see, and discover the state and condition of the reparations of the same, and of the faults, defaults, and of the wants of reparations there found needful to be done and amended, to give, or leave notice thereof in writing on the said demised premises, to and for the said C. D. his executors, administrators, and assigns, to repair and amend the same within the space of calendar months next after such notice is given, or left as aforesaid, within which said time or space, he the said C. D. for himself, his executors, administrators, and assigns, and every of them, doth covenant and agree to repair and amend the same accordingly. And the said A. B. doth covenant, promise and grant to and with the said C. D. that he the said A. B. his executors, administrators, and assigns, shall and will pay, and bear all and all manner of national taxes, called the land-tax, already imposed, or that shall or may be hereafter imposed on the said demised premises, by the legislative power of this kingdom. And it is hereby further agreed, by and between the said parties, that he the said C. D. his executors, administrators, and assigns, shall pay and bear all other duties, parish rates, and all other sesses and assessments whatsoever, which now are, or hereafter shall or may be imposed on the same, during this grant and demise. And lastly, he the said A. B. for himself, his executors, administrators, and assigns, doth covenant, promise, and grant to and with the said C. D. his executors,
admi-

administrators, and assigns, by these presents, that he the said C. D. his executors, administrators, and assigns, paying the yearly rent aforesaid, at the days and the times above-mentioned for payment thereof, and performing, fulfilling and keeping, all the covenants and agreements above in these presents specified, shall and lawfully may peaceably and quietly enjoy, have, hold, occupy and possess the said messuage or tenement, by these presents demised, and every part and parcel thereof, with the appurtenances thereunto belonging, during all the abovesaid term of years, without the lawful let, suit, trouble, eviction or interruption, of him the said A. B. his executors, administrators, or assigns, or any claiming, or to claim, from, by, or under him, them, or any of them. In witness whereof, the parties first above-named, have to these presents interchangeably set their hands and seals, the day and year first above written.

A lease of lands, with exceptions of woods, under-woods, &c.

THIS Indenture made the day of
in the year of the reign of our sovereign
by the grace of God, of Great-Britain,
France, and Ireland, defender of the faith,
and so forth, and in the year of our Lord one
thousand, &c. between T. L. of, &c. of the
one part, and R. L. of, &c. of the other part,
wit-

witnesseth, that the said T. L. for and in consideration of the yearly rent and covenants hereby reserved, and for other good causes and considerations him thereunto moving, hath demised, set, and to farm, let, and by these presents doth demise, set and to farm, let unto the said R. L. his executors, administrators, and assigns, all those closes and grounds, meads and meadows, called and known by the name and names of (*here express their different names*) late in the tenure and occupation of J. B. his assignee, assignees, under-tenant, or under-tenants, lying and being within the parish and precincts of aforesaid (except all woods, underwoods, timber and trees, growing, or to be growing on the said premises, or any of them, with free liberty of ingress, egress and regress, to and for the said T. L. his heirs, executors, and assigns, and every of them, at all times and seasons to fell, fell, cut down, and carry away, all or any of the woods, timber and trees off the said premises, at his and their free wills and pleasure, and also except all that copice or wood ground, lying and being in the parish and precincts of aforesaid, now in the occupation of the said T. L. and all woods and underwoods, growing, or to be growing, or which are now growing, or hereafter shall be growing on the said coppice of wood-ground, with free liberty and power to and for him the said T. L. his heirs and assigns, from time to time, and at all times

times and seasons, to sell, fell, or otherwise dispose of the same, as also except, and also and always reserved unto the said T. L. his heirs, and assigns, all hedges, and quick and live mounds, and also all and all manner of trees as grow in any of the said hedges and hedge-rows, in and upon the said premises, or any of them, to have and to hold the said closes, grounds, meads and meadows, and every of them, together with easements, passages, profits, common, and commodities, to the said grounds and premises belonging, or in any ways appertaining to the same, (except before excepted) unto the said R. L. his executors, administrators, and assigns, from *next ensuing the date hereof*, for and during the term of years, *from thence next ensuing* the date hereof, and fully to be compleat and ended, yielding and paying therefore yearly, and every year to the said T. L. his heirs, executors, or assigns, the full sum of pounds of lawful money of Great-Britain, at or on the two most usual feasts or days of payments in the year; the feast of the annunciation of the blessed virgin Mary, and the feast of St. Michael the arch-angel, by even and equal portions; and also shall and will every New-year's day, for and during the term of this demise, or sooner determination thereof, send, or bring unto the said T. L. his heirs, or assigns, at *the now dwelling-house of him the said T. L.* a couple of good and well fed fat capons, or some other present of fowl of the like value. And if
it

it shall happen, that the said yearly rent of pounds, or any part or parcel thereof, shall be behind and unpaid in part or in all, by the space of days next over or after either of the feast days or times, on which the same ought to be paid as aforesaid, being lawfully demanded, that then and at all times, it shall and may be lawful to and for the said T. L. his heirs, executors, administrators, and assigns, and every of them, to enter into and upon all and every, or any the demised premises, and to distrain for the same, and the arrearages thereof, if any happen to be, and the distress and distresses there had and taken, to lead, drive, and carry away, and that if every such distress and distresses so to be taken and had as aforesaid, shall not from time to time, so often as any such shall be taken, be redeemed from the said T. L. his heirs, executors, administrators, or assigns, within the space of days next after the taking thereof, that then it shall and may be lawful to and for him the said T. L. his heirs, executors, administrators, or assigns, to make sale of all and every such distress and distresses as aforesaid, as shall be sufficient to pay and satisfy such rent and rents, and arrearages of rent as shall be behind and unpaid, and all charge and charges attending the same, as the law in such case and cases directs, rendering and returning the overplus, if any there be, to him the said R. L. his executors, administrators, or assigns. And further it is also by these
pre-

presents agreed and provided, that always and upon condition, that if the said yearly rent hereby reserved and to be paid, or any part or parcel thereof shall be behind and unpaid, in part or in all, by the space of days next over or after either of the feast days or times on which the same ought to be paid as aforesaid, being lawfully demanded, that then it shall and may be also lawful to and for the said T. L. his heirs, executors, administrators, and assigns, into the said demised premises, or any part or parcel of them, in the name of the whole to enter, and the same to have again, retain, re-possess, and enjoy, as in his and their first and former estate, and the said R. L. his executors, administrators, and assigns, and all the occupiers of the premises thereabout, and from thence to expel, put out, and amove; these presents, or any thing herein contained to the contrary thereof, in any wise notwithstanding. And the said R. L. for himself, his executors, administrators, and assigns, and every of them, doth covenant and grant, to and with the said T. L. his heirs, executors, and assigns, and every of them by these presents, that he the said R. L. his executors, administrators, and assigns, at any time, or in any year during this demise, shall not nor will cross-crop the demised premises, or any part thereof; and also, that he the said R. L. shall nor will not sell any of the crop or crops of any sort or kind off the premises; and also that he shall and will yearly, and every year during

during the said term, in husband-like manner, lay on and bestow upon the premises, or on some the most necessary parcels thereof, all the compost and dung as the stover and fodder growing on and upon the said premises, can, will, or may make; and also shall and will, during the said term, bear, pay, and discharge all, and all manner of payments and duties whatsoever, that shall or may any ways grow due or payable, for or by reason of the demised premises, or any of them, (the land-tax only excepted) and thereof, and therefrom, shall and will acquit, discharge, and save harmless the said T. L. his heirs, executors, and assigns. And also he the said R. L. his executors, and assigns, from time to time, and at all times during the said term, shall and will well and sufficiently make, amend, keep, cleanse and scour, all and every the ditches, trenches, ponds, pools, watering-places, and springs, as also pales, gates, pens, and pens for cattle, stiles, fences and mounds, (plashing the hedges excepted as aforesaid.) (*Here may be put all other covenants as shall or may be found necessary to insert*) upon and about the demised premises, (*or here as the case is*) and every of them, and the same being well and sufficiently made, amended, kept, cleansed and scoured, (*here repeat all other covenants if any*) in the end or other sooner determination of the term hereby demised, shall and will leave and yield up the same peaceably and quietly unto the said T. L. his heirs, executors, and assigns; and also shall not, nor will
demise,

demise, grant, assign, let, or set the premises, or any part or parcel thereof, or depart with his estate, right, or title thereto or therein, to any person or persons whatsoever, without the licence and consent of the said T. L. his heirs, executors, or assigns, under his or their hand or hands in writing *thereupon* had and obtained. And also shall and will pay all and every the yearly rents and sums of money hereby reserved, according to the reservations afore said. And the said T. L. for himself, his heirs, executors, and assigns, and every of them, doth covenant and grant to and with the said R. L. his executors, administrators, and assigns, by these presents, that he the said R. L. by and under the rents, covenants and agreements herein contained, and on his and their part, to be paid, done, and performed, shall and may during the said term, quietly and peaceably, have, hold, occupy, and enjoy, all and every the demised premises, (except before excepted) without the let, suit, trouble, molestation, interruption, or eviction, of him the said T. L. his heirs, executors, and assigns, and all and every other person and persons whatsoever, claiming by, from, or under him the said T. L. his estate, title or procurement. In witness whereof the parties to these presents have interchangeably set their hands and seals, the day and year first above written.

N. B. In drawing leases, it is necessary always to insert the following covenant, which will prevent

vent and bar the lessee negotiating or assigning his property without the lessor's consent; and if the premises are let at a low rent, or will well bear an improved one, the lessor has the opportunity of making such improvement: if otherwise, he notwithstanding has the power of choosing, or at least the approving of a new tenant.

C O V E N A N T I.

AND also shall not, nor will demise, grant, assign or let the premises, or any part or parcel thereof, or depart with his estate or property therein, to any person or persons whatsoever, without the licence and consent of the said
his heirs, executors, and assigns,
under his or their hands and seals first had and obtained.

Here follows all other necessary covenants proper to be inserted in leases, or such of them as shall be found necessary, as the farm and quality of the land, and other circumstances require, to restrain tenants from abusing their respective grants, demises, and trusts; for it often happens, that a farm, whether open or inclosed, or both, is abused by bad husbandry and negligence, as well as by avaricious principles, and other whimsical and chimerical notions that never existed, and which perhaps, may end in the ruin of the farm and farmer too.

I would not be understood, that strictly keeping an industrious and ingenious tenant to the very letter of the lease is always to be done, for upon great loss of cattle, as well as on some other occasions, it may be necessary to grant some other privilege, as occasion and circumstances require; but then on the other hand it is as necessary to have the Steward's judgment upon it, and the landlord's consent, (and consequently his judgment too) under hand and seal.

In some cases it may be more advantageous both to landlord and tenant to relax a little, than to strain the strings till they crack.

C O V E N A N T II.

*That the lessee shall not cut down timber, underwood, &c.
nor commit waste in such woods.*

AND the said A. B. for himself, his executors, administrators, and assigns, doth covenant to and with the said C. D. his heirs, executors, and assigns, that he the said A. B. his executors, administrators, and assigns, or any of them, shall not at any time hereafter, during the said term, commit or cause, procure, or wittingly suffer to be committed or done, any manner of wilful waste or destruction, in and upon the premises, or any part or parcel thereof, or shall fell, cut down or carry away, any of the woods, underwoods, or trees, growing, standing, or being, or which hereafter shall grow, stand, or be in, or

upon the premises before demised, or in, or upon any part or parcel thereof, on or under the penalty of paying the sum of thirty pounds, over and above the yearly rent, for every tree so cut down, and ten pounds for every rood of under-wood so cut, and so in proportion for greater or lesser quantities.

C O V E N A N T III.

Not to sow rape, hemp, flax, woad, weld, madder, nor plant potatoes, or hops.

AND it is hereby further covenanted and agreed, that he the said A. B. his executors, administrators, and assigns, shall not sow, or raise any rape, hemp, flax, woad, weld, madder, on any part or parcel of the said lands, nor shall, nor will plant any potatoes or hops on the same, during this demise, on or under the penalty of paying ten pounds for every acre so sown or planted.

C O V E N A N T IV.

AND that he the said A. B. his executors, administrators, and assigns, shall nor will plow up, or convert into tillage, any part or parcel of land *inclosed, common or open*, other than what, or that is now plowed up and in tillage, on or under the penalty of paying ten pounds, over and above his yearly rent, for every acre so plowed up and converted into tillage, and so in proportion for a greater or lesser quantity than an acre.

C O V E N A N T V.

AND that he the said A. B. his executors, administrators, and assigns, shall and will in a decent husband-like manner, the first year after the fallow, sow wheat, rye, or barley, or all of these, as he or they shall think proper. The second shall sow beans or pease, or both. The third shall sow barley on all such ground as shall be proper for it, and on the rest oats; and the fourth year shall lie fallow, on or under the penalty of paying fifty pounds over and above his yearly rent, for every such offence.

C O V E N A N T VI.

AND that he the said A. B. his executors, administrators, and assigns, shall and will summer eat, summer pasture, or feed and eat one fourth part of his meadows, so that the whole may and shall be summer eaten, or summer pastured once in four years; for every such neglect or offence, shall forfeit or pay unto the said twenty pounds over and above his yearly rent.

C O V E N A N T VII.

AND also that he the said A. B. his executors, administrators, and assigns, shall and will not sell off or from the demised premises, any hay, straw, stubble or helm, to any person or persons whatsoever, other than to the cottagers and cottage-tenants of within the parish, precincts and

manor of and to them only such quantities as shall be found necessary to thatch with, and that upon condition the dung, manure and compost arising by such thatching, and all other their dung, manure and compost be given back in exchange, to restore the loss of such straw, stubble or helm, so carried away; and also that he the said A. B. his executors, administrators, and assigns, shall, and also will from time to time during this demise, lay in and upon the said demised premises, all the dung, manure and compost, (other than the above-mentioned in this covenant) that can, shall or may be made, by all and all manner of ways and means whatsoever, on and under the penalty of twenty pounds for every such offence, over and above the yearly rent above-mentioned. And at the end or sooner determination of this demise, shall and will leave all, and all manner of dung, manure and compost, upon the said demised premises, under the penalty aforesaid.

C O V E N A N T VIII.

AND likewise that he the said A. B. his executors, administrators, and assigns, shall and will during this demise, cleanse, scour, and fey the pond, pools, and watering-places; and also shall and will in a decent husband-like manner, cleanse and scour up the trenches, water-carriages, and ditches, in such manner, as (if possible) to carry off the water, and prevent its standing, settling, and stagnating on the lower part of the grounds,
under

under the penalty of twenty pounds over and above the yearly rent aforesaid.

C O V E N A N T IX.

AND it is further agreed by and between the said parties, that he the said A. B. his executors, administrators, and assigns, having rough timber allowed and assigned by the agent or steward of him the said shall and will, from time to time, and at all times during this demise, at his and their own proper costs and charges, well and sufficiently repair, uphold, sustain, maintain, amend, and keep the said demised premises, and every part and parcel thereof, in, by, and with all and all manner of needful and necessary reparations and amendments whatsoever, in and under the penalty of paying a double rent for the same year such default is made in.

C O V E N A N T X.

AND it is hereby also agreed by and between the said and him the said A. B. his executors, administrators, and assigns, that he the said A. B. his executors, administrators, and assigns, and every of them, shall and will during this demise, in time of shack or mast season, and at all manner, and at all and every other time and times when hogs and swine run at large, shall and will well and sufficiently ring and yoke such said hogs and swine, so much as in him and them lieth, to prevent their doing any and any manner

of damage whatsoever to the fences and mounds, and rooting up the pasture, and all other grounds, on and under the penalty and forfeiture of ten shillings for every hog or swine so turned out and going at large, unrun and unyoked as aforesaid.

C O V E N A N T XI.

AND also that he the said A. B. his executors, administrators, and assigns, shall and will by the middle of October at farthest, finish and compleat the sowing of all and all manner of winter corn, such as wheat, rye, messing, and mong-corn; and also shall and will by the middle of April at farthest, finish and compleat the sowing of all and all manner of oats, barley, big, beans, vetches, and pease, except such as may and will be ripe and fit to be cut and carried off the premises, before the grass and hay ground shall be cleared and carried adjoining to the same. And'also that he and they shall hayne and clear the meads, meadows, and other grounds intended to be mown of all and all manner of cattle whatsoever, by, at or before the fifth day of April, on and under the penalty and forfeiture of ten pounds, for this and the neglect last before-mentioned.

C O V E N A N T XII.

AND also he the said A. B. his executors, administrators, and assigns, from time to time, and at all times hereafter during the said term, shall
and

and will well and sufficiently make, mend, amend, keep up, sustain, and repair, all pens, gates, stiles, all dead fences and mounds, in and upon, and about the said demised premises, and every of them; and shall and will also in a decent husband-like manner, at or about twelve years growth, or at such time and times as shall be ordered, appointed, and assigned by the agent or steward, cut and plash such quick live mounds and fences, and cleanse and scour the ditches, and the same mounds and fences so cut and plashed, secure from waste, weed, nurse, nourish, and raise up by weeding, howing, hawing or hoeing the same, and by all and every other device and means whatsoever, as shall or may be from time to time, appointed, ordered, and directed by the agent or steward as aforesaid; and shall and will also from time to time, and at all times hereafter, during this demise, draw, stock, and grub, and root up all and all manner of thorns, shrubs, whins, furz, and all and all manner of underwoods whatsoever, as shall be assigned, appointed, ordered and directed by the agent or steward, that shall, doth, or may grow in, upon, and behind such quick, live or dead mound or fence, or with feet of the same, on and under the penalty and forfeiture of ten pounds for every such offence committed and done.

C O V E N A N T XIII.

AND also that he the said A. B. his executors, administrators, and assigns, shall and will not stock the said demised premises with rabbits or coneys, or any part or parcel thereof (*other than, &c.*) on and under the penalty and forfeiture of fifty pounds for every year over and above the yearly rent of pounds.

C O V E N A N T XIV.

AND it is likewise agreed by and between the said parties to these presents, that he the said A. B. his executors, administrators, and assigns, shall, will, and may not rake, pick or gather up the cow-dung lying upon the said premises during this demise, or off any part or parcel thereof, in order to dry and burn instead or in lieu of wood and coal, for every such and the like offence, he or they shall forfeit and pay the sum of ten pounds over and above his or their yearly rent.

C O V E N A N T XV.

AND that he the said A. B. his executors, administrators, and assigns, shall and will, at his and their own proper costs and charges, during the said term hereby granted, repair, keep up, sustain, maintain, and sufficiently amend and uphold all and every by-road, going in, upon, or through
the

the said premises, or upon, or through any part or parcel thereof, by laying such roads or highways high and round in the middle; and, after they are settled, shall cover the same *with small stones, gravel, or both*, and by any, all and every other common and accustomed way and means used in such cases, and as, and according as the agent or steward shall order and direct, on and under the penalty and forfeiture of ten pounds for every such neglect, over and above the yearly rent hereby reserved, and to be paid as aforesaid.

C O V E N A N T XVI.

MOREOVER he the said A. B. his executors, administrators, and assigns, during this demise, shall and will not keep any hounds, greyhounds, bloodhound, lurcher, spaniel, setter, pointer, terrier, or any other sort of creature destructive to the game, other than ferrets for the destruction and destroying of rats, and such pernicious vermine, *as dogs also for the catching and destroying vermine*, and other such dogs as may and shall be necessary for the guard of the house, and use of the shepherd; and also shall and will not keep or use any gins, hays, low-bells, snares, fishing-nets, tunnels, tramels, angles, leaps, nor any other engine or machine, whereby the game may be destroyed, or as, shall or may be found destructive to the game; and shall and will not under any
pre-

pretence or pretences whatsoever, trace or track hares in the snow; neither shall he, his, they, them, or any of them, during this demise, keep any gun, musket, fowling-piece, other than for the guard of the house, and for the killing and destroying of rapacious and ravenous birds and fowls that are destructive to grain; and shall not shoot, or by any other ways or means whatsoever, destroy and kill pigeons, swans, nor any other birds or fowls flying at large, within the said manor *and manors* of _____ or elsewhere, on and under the penalty and forfeiture of five pounds for every such offence, over and above the yearly rent above-mentioned.

C O V E N A N T XVII.

AND also that he the said A. B. his executors, administrators, and assigns, shall and will not commit, or cause to be committed, any sort or manner of waste whatsoever, in or upon the said demised premises, or upon any part or parcel thereof during the said term, by erecting brick-kilns, digging, sinking, trenching, and searching for coals, peate, oker, stone, slate, or for any other fossil or fossils of any kind or denomination whatsoever, on and under the penalty and forfeiture of five hundred pounds for every year so digging, sinking, trenching, and searching, over and above the yearly rent agreed on, and to be paid as aforesaid, other than for the digging, sinking, trenching, searching out, and raising of lime-

lime-stone and clay, to burn for the more and better manuring the said demised premises as aforesaid, or any part or parcel thereof. He the said A. B. his executors, administrators, and assigns, and every of them, filling in, covering, levelling, and making good all and every such pit and pits so opened, for the raising the materials aforesaid.

C O V E N A N T XVIII.

AND moreover he the said A. B. his executors, administrators, and assigns, during this demise, shall and will at all times hereafter, when lawfully demanded or ordered thereto, according and in proportion to the said rent hereby reserved and to be paid, send or bring a team and carriage or carriages, with *two* able *persons* to fetch, bring, or lead home such hay, corn, and all such other crop and crops as now grow, or as shall or may hereafter grow in and upon the demesne lands kept in hand for the use of *him* the said and in default of such attendance and service, shall forfeit and pay the sum of five pounds every year, over and above the yearly rent aforesaid.

C O V E N A N T XIX.

AND that he the said A. B. his executors, administrators, and assigns, shall and will during this demise, bear and pay all and all manner of parish rates and assessments whatsoever, and what now is or hereafter shall or may be assessed and charged on and upon the dwelling-house or messuage, and
out-

out-houses, and buildings, for and in respect of windows and lights ; and also shall and will pay a just share and rate to the mole-catcher, according to the custom of the *manor*, and all and every other rate and rates, tax and taxes of what kind or denomination whatsoever, (*the land-tax only excepted*) and for and in default of any of the above-mentioned payments, the same to be charged to the yearly rent above-mentioned.

C O V E N A N T XX.

AND that he the said A. B. his executors, administrators, and assigns, during this demise, shall and will not pare, burn, burn-bake, Denshire or Devonshire any of the above-mentioned premises, without further covenants on and under the forfeiture and payment of ten pounds for every acre so burnt, over and above the yearly rent above-mentioned.

C O V E N A N T XXI.

AND moreover he the said A. B. his executors, administrators, and assigns, shall and will during this demise, at and bring or send and present to a couple of well fed capons, geese, turkeys, or some other acceptable present of the like value, on and under the penalty and forfeiture of ten shillings for every such neglect, chargeable to the yearly rent above-mentioned.

N. B. Some of these covenants are presentable at the court, others recoverable by a justice of peace, others not without the vexatious law; but when they, or such of them as are found necessary according to the country the farm lies in, and according to the quality of the land, are inserted in a lease: the remedy lies at your right-hand.

And for greater satisfaction, and the avoiding wilful mistakes which an ill-disposed Steward may call an inadvertent one, it may be proper to have all leases executed in three parts; one to be kept by the *landlord*, another by the agent or Steward, and a third by the tenant: of which the landlord is to sign one, and the tenant two.

If an open field farm, it would be proper to have a schedule or terrier of all and every particular affixed to the tenant's lease.

The Steward should have all such particulars of every manor seperately and distinctly entered in a book kept for that purpose, according to the terriers inserted in this book, which for distinction, I shall call the Land Entry Book.

OBSERVATIONS, REMARKS, and REFLECTIONS *on the foregoing cove- nants.*

N. B. The observations on the first covenant are affixed to it.

ON COVENANT II.

A tenant should not be permitted to have any thing to do with timber, trees, or underwoods, growing upon his farm, other than for repairs, and fencing his hay-reeks that are set in the fields, and such to be assigned him by the Steward, or other proper agent, there being few tenants but what are apt to abuse such trusts and indulgencies. *See article 16.*

ON COVENANT III.

Rape, hemp, flax, woad, weld, madder, potatoes, &c. breed no manure, therefore if such things are permitted, it should be by particular covenants. Such land on laying down, ought to be enriched with twenty loads of dung upon an acre, or other proper manure, as lime, chalk, rags, &c. according to its quality, and in proportion to twenty loads of dung in the least upon an acre, and sown with proper artificial grass seeds, if the land is proper.

ON COVENANT IV.

When land is over-run with moss and coarse four grass, it may be proper upon a reasonable consideration (or otherwise) to give leave for the plowing it, two years only; because the second year's plowing throws the primitive turf upwards, and consequently will the sooner recover a sward; but that notwithstanding it should be laid down with
proper

proper grasses, first being well dunged with the produce of its two crops.

On COVENANT V.

The getting three successive crops after a fallow, is allowable on enclosed land, and used in some open fields; but the sowing oats upon an etch, beggars and impoverishes land much; therefore such crop should be avoided as much as possible, being more proper on a lay. No common land will well bear more than three crops without rest, unless great superinductions are added, though some driven by necessity, are apt to get four or five, to the no small damage and spoil of the land, and perhaps at length, as little to their own advantage. But that in the vale of White-horse in Berkshire, in the parishes of Wantage, Ardington, Letcomb, &c. under the Downs, I have been informed there by several persons of undoubted veracity, that there is land in the above-mentioned parishes (and probably in others) that has been cropt every year, during the memory of man, and that the oldest man then living, never heard of its lying fallow. Such land is there called, every year's land.

On COVENANT VI.

To summer eat meadow land once in three or four years certainly strengthens it, and undoubtedly the following years it yields sweeter and better hay; but then it is necessary not to over-stock,
and

and if possible, the sheep should lear upon the soil, and not be driven to pen upon the fallows, unless the land be well dunged in the Autumn; if so, the sheep occasionally may be pened, as the soil produced by them is an excellent manure for breeding winter corn. *See article 17.*

On COVENANT VII.

It is not only necessary but reasonable, that all hay, straw, helm, stubble, &c. what the farm produces be spent upon it; but where there are cottage tenants, it is as reasonable they should have straw off their landlord's estate to cover their houses; but with this caution, that the farmer shall have all the old thatch, and all other their dung, to make amends for what was carried away; but where there is no cottage tenants, I see no necessity for such indulgence, unless founded on this old maxim; Where must things be asked for, but where they are to be had. *See article 29.*

On COVENANT VIII.

It is found by experience, that nothing is more hurtful to cattle than to drink unwholesome water, and what can make waters more so, than standing upon a foul, putrified, nasty, and corrupted bottom. And it is a thing well known to the most illiterate farmer, that nothing is more hurtful to land, than to suffer water to stagnate and waste upon it; it quite chills and starves it, breeds
the

the rush, speary-grass, and makes it quite unfit for vegetation.

On COVENANT IX.

It is much better for the Lord to make some small abatement of rent, than to be furcharged with repairs. The tenant, if he has rough timber, and such other materials as the estate produces, whether stone, slate, &c. allowed, will do more for twenty shillings, than his landlord can for thirty: the workmen will do more for him in a day, or cheaper by the great, than they would for the Lord of the manor; his common labourers have no more by the day than for other ordinary work, his team is his own, as is his straw, &c. but it would be a greater safety against fire, as well as benefit to the land, to encourage and promote slating and tiling.

On COVENANT X.

There are no creatures belonging to a farmer so mischievous as swine, and more especially when left to their own will: as in the mast season or shack time, as it is called in Norfolk, &c. viz. swine running at large: when if they are neither yoked nor rung do incredible mischief, by creeping through all the quick mounds and fences, throwing up the ground with their noses, spoiling the meadow and pasture grounds intolerably; but

by yoking and * ringing them, they are made more tractable, will take to their meat more quietly, are kept within the bounds assigned them, and may be turned out with safety.

On COVENANT XI.

For the more forwarding the harvest, it is necessary to sow winter-corn early; and all other grain in their different seasons, for an early sowing generally produces the greatest bulk, as likewise the plumpest grain, and generally got in the driest; for towards Michaelmas our heavy rains begin to fall, which generally keeps the remaining part out, perhaps till the end of October. Although it does not always happen so, yet I may venture to say, it does three seasons out of four. Therefore if the tenants are not obligated to an early sowing, the Steward should use all persuasive arguments to bring them to it. But this manner of sowing in a great measure is to be suited to the nature and quality of the soil, as well as to the land lying more North or South; hot or cold, which is first to be maturely considered.

On COVENANT XII.

I think the twelfth covenant one of the most material, *viz.* obliging the tenants, not only to

* Of all the rings, there are none so proper for use at this (as well as all) seasons, as that called the staple ring, made with a roller, and sharp spikes set in it, which upon the least pressure turns round, pricks and tears the hog's nose, and soon makes him weary of his sport.

keep their gates, stiles, dead fences, and mounds, in sufficient repair ; but also all their quick and live mounds, which prevents trespass ; but also to grub and stock up all the black thorns and shrubs that grow near them, as well on the ditch, as on the back side, a considerable quantity of land being almost useless, more especially on the meadow ground, where the grass cannot be cut, nor even eat when it is pasture. All the use such shrubs are of, is, that in hot weather they help to pull the wool off the sheep. *See article 18.*

On COVENANT XIII.

The stocking of improper land with rabbits is very prejudicial to it, more especially on a light sand, and where it can be applied to better purposes ; but upon large wastes and precipices where other creatures cannot feed, they may be allowed on. There are large quantities of such land in the kingdom, and where no other creature can stand to feed (not even a goat) of this sort is the West side of Box-hill in Surrey, &c. but being stocked with these small creatures, turns to good account. *See article.*

On COVENANT XIV.

The gathering up cow-dung (*as is the more common practice in Buckinghamshire, as also on the cow-commons and pastures in the open fields in other counties*) to the great beggaring of the land ; more especially so where the soil is light, sandy,

or inclining to a loam. Cow-dung being a manure more peculiarly adapted to these soils than other; so that gathering it up, is robbing the land of that which cannot be restored any other way, than by preventing such mischievous practice for the future. *See article.*

On COVENANT XV.

It is reasonable as well as necessary, that every particular tenant shall mend such by-road or highway that leads into or through his particular ground; and on the contrary as unreasonable, that he should mend a publick road, *viz.* any road in common use, which leads to a *market-town*, &c. such road being too expensive to be maintained by a single tenant, and would be a considerable surcharge to his rent, when perhaps some others may be but little or not at all affected by it.

On COVENANT XVI.

Inserting a covenant to prohibit a tenant's keeping hounds, greyhounds, nets, gins, &c. not being duly qualified, may be called a thing unnecessary and unpopular, as the laws are open against unlawful destroyers of the game: notwithstanding which, all lords of manors and landlords, which will condescend to consider the following reasons, perhaps may be brought over on my side. A person may be a good tenant, and a good sort of a man, and yet have a natural taste for the sport,

sport, and provided he is detected, his landlord or the steward may not choose to prosecute him; because (*in the eye of the world*) it may be thought ungenerous to prosecute a good tenant, and a good sort of a man; but when such person is under private covenants, he will set such breach quite in another light, not only that of his word, but that of his covenant and breaking through his lease. And although the penalty can be made no more than that by law, yet it has a greater effect upon the person obligated thereby, and the recovery is hereby as easy, and without being thought ungenerous and severe; but it is reasonable a tenant be allowed such dogs, ferrets, gins, &c. as may be serviceable and useful to him on his lawful occasions, otherwise it is an oppression; for it is found by experience, that ferrets are useful in destroying this new species of rats, which are not easily taken by the other common devices, which those others that are natives of our own country are.

On COVENANT XVII.

The preventing a tenant's committing waste upon his farm, deserves particular notice; for when he is not restrained, he may erect brickkilns, get coals, peate; oker, stone, slate, &c. to the no small detriment of his lord's estate, and to the no small enriching himself; for where some of the above-mentioned fossils are to be found on a farm, a number of rents are to be made in a year,

and may soon buy the fee simple. Coals, as the stratum generally lies, may be too great an undertaking for a common farmer ; but where he is not restrained from making and taking in an under tenant, and is upon a long lease, undoubtedly he may meet with such a partner, and may properly apply such part of the farm to the purpose. As to peat, an acre is let from twenty-five to fifty pounds. Oker, where there is a good stratum or load is very valuable, as is good stone, slate, &c.

On COVENANT XVIII.

Where the lord of the manor does not constantly reside, but comes to spend the Summer only, or only so much time as to look into his affairs, or does not keep a team, carriages, &c. It will be found necessary, that the tenants be obliged, every one according to the value of his farm, to dress the demesne lands kept in hand for the use of his household, and also to carry home the hay, corn, grain, &c. otherwise it may be found troublesome to get teams for such purposes, at the two very busy seasons of seed-time and harvest.

On COVENANT XIX.

I apprehend it is a custom in most places and parishes, for the tenant to pay all rates, and the duty on windows and lights ; but in some places different customs prevail. In a certain small
in-

inclosed manor I know, in which all the feeding lands are let to tenants living at a considerable distance; the shepherds upon the premises, and likewise the mole-catcher, are paid by the landlord, but the poor and constable's rates, are paid by the tenant. There is no church. As to the highways and roads, they are insignificant, and are repaired by each respective tenant whose lands they lead through. And in another parish, the landlord repairs the church, maintains the poor, bears and pays all other rates, (the statute labour to the highways only excepted) and the steward always bears and serves all parish offices whatsoever.

ON COVENANT XX.

As to the restraining a tenant from Devonshireing (or Denshireing) land, this is a necessary covenant, for where a tenant has proper land for this sort of improvement, and not being restrained, he may soon get the value of the land so occupied, and without proper care the same may be much worsted; but when a tenant pays a reasonable improved rent for such practice, and is under proper covenants for the laying it down again, it may be allowed, and without injury and hurt to the soil. *See article.*

ON COVENANT XXI.

As to this twenty-first and last covenant, whereby the tenants are obligated to present their *Lord*

at a certain season of the year, (*altho' I think Christmas the most proper*) with a couple of turkies, geese, capons, fowls, &c. each according to the value of his farm. It is not only an ancient custom, but laudible and praise-worthy: what can give the landlord more pleasure, or what can more elevate his spirits, than to see all his tenants about him? who, by their care and industry, afford him a support so much above them, and also (*if he has a sense of religion*) contemplate on the goodness of God, in endowing him with such superiority of fortune, above great numbers of his fellow-creatures, and again rejoice that he has made him a second agent to afford them not only a necessary, but a comfortable support and maintenance, which they by their honest endeavours, and a proper application of their different land, may be enabled to support and maintain those that are inferior to these; but yet the more useful part of mankind, who are the very fountain and spring (*under God*) from whence all riches flow, &c. viz. the mechanic and labouring part of mankind.

N. B. When several covenants are to be inserted in a lease, they may be abridg'd, by joining several under one article.

ARTICLES *for building.*

ARTICLES of a covenant indented, made, concluded and agreed upon, the day of
one thousand, &c. between J. F. of the parish of
 in the county of of the one part,
and T. B. of the parish of in the county
of of the other part, as followeth; That
is to say,

FIRST, the said T. B. for himself, his executors, administrators, doth covenant, promise and grant to, and with the said J. F. his executors, administrators, and assigns, by these presents in manner and form following, that is to say, That he the said T. B. his executors, administrators, or assigns, or some of them, for and in consideration of the sum and sums of money, and other valuable considerations herein and hereafter mentioned, shall and will *forthwith take down the now dwelling-house of him the said J. F. situate and being in the parish of aforesaid, and in the room thereof* shall make, erect, build, and set up, one new tenement or dwelling-house, to contain feet of assize in breadth, and in length feet in the least, and shall make one cellar at the end of the said house, of feet in length, and of the breadth of the house, and shall make rooms on each floor, and shall make the cellar deep, and the lower story of the said house and building feet

feet deep, and the story or rooms above that feet deep, and the garrets over the same feet to the top of the raising-piece, and shall make stacks of chimnies to contain fire rooms, of such assize as the rooms will afford, or can or may conveniently contain; and shall make them sufficient to carry away the smoke without any annoyance, and shall pave the cellar with and shall lay all the foot paces with and the which is to be laid with and shall build or make the walls of the said house with and shall provide and set up all manner of timber to be used in and about the same building, of good and sufficient scantlings, and shall lay all the floors on the second story with and the chimney hearths with, and also chimneys framed with, and according to the draught or plan annexed, shall make a handsome and light stair-case of and also all the upper floors shall be joined with dowls or dove-tails; and shall well and sufficiently tile all the said building with well made and well burnt tiles, and lath the tiling with heart-oak laths, and shall lay all the walls, cielings, and partitions with lime and hair, and shall make a good and sufficient double door, and a light over it towards the and shall add one good and sufficient *knocker*, lock, and bolt to the same, and also one good and sufficient lock and bolt to the *back door*, and shall make one sufficient door to every room, with

with proper screw-hinges, and also one *plain brass spring lock* to each door, except the garrets, which may be iron thumb-latches, and shall make the windows *inches wide, and feet inches high*, and shall also make *one good and sufficient casement to window*, (*here may be put the number of casements, or pullies, if sashes, and every condition relating to the windows, window-shutters, &c.*) and shall make and do, or cause to be made and done all the plumbers and glaziers work of and belonging to the said building well and sufficiently, and shall paint three times over in oil of a colour, all the outside of the said window frames, shutters, doors, and door-cases, and all the insides of the same of a colour, and shall lay the seats of the said windows with neat boards or slabs of thick, and shall make a pent-house over the front door, covered with lead, and shall also make a brick wall *seven feet high, and one brick thick, the length of the court next the garden*, and cope the same with stone, and shall find and provide at his, and their own proper costs and charges, all and all manner of free-stone chimney-tops, pinning tables for the ends of the said building, and all other stones, bricks, tiles, laths, timber, nails, lead, iron, sand, lime, loam, hair, scaffolding, stuff, and all other materials whatsoever, which shall be fit and needful to be used in or about the said buildings, and shall carry all the rubbish, *loam and earth* whatsoever, which shall or may arise

arise in and by reason of the said building; and also shall make one or more good and sufficient gutters or channels to carry the water out of the yard into the street, and shall and will, well and workman-like, erect, set up, and finish the said building, in all and every necessary article that belongeth and appertaineth to the different works of a mason, bricklayer, carpenter, tiler, plaisterer, plumber, smith, and glazier, at or before the day of next ensuing, and coming after the date hereof. In consideration of which said building to be done and finished in manner and form aforesaid, the said J. F. for himself, his executors, administrators, doth covenant and grant to and with the said T. B. his executors, administrators, and assigns, by these presents in manner and form following; that is to say, That he the said J. F. his executors, administrators, or assigns, or some of them, shall and will, well and truly pay, or cause to be paid unto the said T. B. his executors, administrators, or assigns, the sum of pounds of lawful money of Great-Britain, at *three* several payments, in manner and form following, that is to say, pounds thereof in hand, and before the enfealing and delivery hereof, the receipt whereof he the said T. B. doth hereby acknowledge and confess, and thereof, and of every part and parcel thereof, doth clearly acquit, exonerate and discharge the said J. F. his executors, and administrators, and every of them for ever, by
these

these presents other pounds thereof when the whole building is framed, and the chimneys set up, and the roof tiled, and the other pounds, the residue thereof, and in full payment of the said sum of pounds when the whole building is fully set up, and in every respect finished, and every other thing and things compleated, according to the true intent and meaning of these presents: And further, that he the said T. B. his executors, administrators, or assigns, shall have and take to his and their own proper use and uses, all the timber, boards, and all other the old materials whatsoever belonging, or in any wise appertaining to the said house, now standing or being upon the premises above-mentioned, and so to be pulled and taken down as aforesaid, and use so much thereof in the new buildings, as shall be good, sound and serviceable. In witness, &c.

Signed, sealed and delivered,
the stamps first appearing
thereon. In the presence
of
M. M. R. S.

(L. S.)

(L. S.)

ARTICLES of agreement indented, made, concluded and agreed upon the day of
between H. D. of E. in the county of
of the one part, and F. R. of the parish of
in the county of of the other part, That is
to say,

FIRST, the said H. D. (for the consideration hereafter in these presents mentioned and expressed) for himself, his heirs, executors, and administrators, and every of them, doth covenant, promise, and grant to and with the said F. R. his executors, administrators, and assigns, and every of them by these presents in manner and form following ; that is to say, That he the said H. D. and his wife, their heirs, executors, administrators, and assigns, shall and will at the proper cost and charges of the said F. R. his heirs, executors, administrators, and assigns, by or before the tenth day of next ensuing the date hereof, make, seal, deliver, do, execute, and acknowledge, all and every such act and acts, deed and deeds, fine and fines, assurance and assurances, or other conveyances in the law whatsoever, as he the said F. R. his heirs, executors, or assigns, or his or their council learned in the law, shall reasonably devise, advise, or require, for the sure conveying, settling, assuring, and sure making, unto the said F. R. his heirs, executors, administrators, and assigns for ever, all that

with

with all the appurtenances thereunto belonging, or in any ways appertaining to the same, and as the same now is in the tenure and occupation of P. A. his assignee, or assignees, *and of all that with all the appurtenances thereunto belonging, or in any ways appertaining to the same, and as the same now is in the tenure and occupation of S. T. his assignee or assignees,* all which premises are situate, lying and being in In consideration whereof, he the said F. R. for himself, his heirs, executors, and administrators, doth covenant, promise, and grant to and with the said H. D. his heirs, executors, administrators, and assigns, and every of them by these presents, that he the said F. R. his heirs, executors, administrators, or assigns, or some of them, shall and will well and truly satisfy, content and pay, or cause to be satisfied, contented and paid unto him the said H. D. his heirs, executors, administrators, or assigns, the full sum of pounds, of lawful money of Great-Britain; in manner and form following; that is to say, pounds thereof at the enfealing and delivery of these presents, the receipt of which said pounds, the said H. D. doth hereby acknowledge and confess, and thereof doth clearly and absolutely exonerate, acquit, and discharge the said F. R. his heirs, executors, and administrators, for ever by these presents. And the other pounds, residue and in full payment thereof, forthwith and immediately after he the said H. D. and A.
his

his wife, their heirs, executors, or assigns, shall have levied and acknowledged to the sole and only proper use and behoof of the said F. R. his heirs, executors, administrators, and assigns, in due form of law, such conveyances, and fine or fines, of all the premises, with their appurtenances before-mentioned, or intended to be sold unto him the said F. R. his heirs, executors, or assigns, as the counsel learned in the law of the said F. R. his heirs, executors, administrators, or assigns, shall reasonably devise, advise, or require without fraud or delay. *And it is hereby agreed by and between the said parties, that, &c.*

In witness, &c.

ARTICLES for the purchasing of between
A. B. of of the one part, and C. D.
of of the other part.

FIRST, The said A. B. for and in consideration of the sum of to him in hand paid by the said C. D. and of the sum of pounds of lawful money of Great-Britain, to the said A. B. as hereafter mentioned, doth for himself, his heirs, executors, and administrators, covenant, promise, grant, and agree, to and with the said C. D. his heirs, and assigns, by these presents, that he the said A. B. and his heirs, shall and will before next ensuing the date hereof, at the costs and charges of the said C. D. his heirs, or assigns, by good and sufficient conveyance

veyance and assurance, to be duly executed, conveyed and assured, or cause to be conveyed and assured unto the said C. D. and his heirs, all, &c. with their appurtenances, situate, lying, and being in, &c. now in the tenure and occupation of, &c. or his assigns, or assignees, with covenants and warranties in such conveyance and assurance to be comprized. That the said C. D. his heirs, and assigns, shall hold and enjoy for ever, all the, &c. and premises, with the appurtenances, against the said A. B. and his heirs, without any let, trouble, interruption, contradiction, or denial, of or by the said A. B. his heirs, and assigns, or any of them, the said lands and premises, with their appurtenances, being discharged, or saved harmless of and from all jointures, dowers, and titles of dower, charges, titles, troubles, and incumbrances whatsoever, had, made, committed, done, or suffered by the said A. B. his heirs, or assigns; and for making any farther lawful and reasonable assurance in the law, at the costs and charges of the said C. D. as by the said C. D. his heirs, or assigns, or his or their council learned in the law, shall be reasonably devised, advised, or required, during the space of years next ensuing the date of such conveyance, or assurance so to be made, with all other fit and reasonable covenants, in such conveyance and assurance to be comprized.

Also the said C. D. doth covenant, that the said C. D. his executors, administrators, or as-

signs, shall and will well and truly pay, or cause to be paid, unto the said A. B. his executors, administrators, and assigns, the said sum of pounds, on and upon, and at the time of the enfealing and delivery of such conveyances, as shall and may be required, for the sure making over of the premises before-mentioned, unto him C. D. his heirs and assigns, as aforesaid, without fraud or further delay. In witness, &c.

ARTICLES *between C. D. and E. F. for taking down an old house, situate and standing in the parish of in the county of and building a new one.*

FIRST, The said C. D. for himself, his executors, administrators, and assigns, doth covenant, promise, and grant to and with the said E. F. his executors, administrators, and assigns, by these presents, in manner and form following; that is to say, That the said C. D. his executors, administrators, and assigns, or some of them, for the consideration hereafter mentioned, shall and will, on or before the day of next ensuing the date hereof, take down the house of the said E. F. situate in aforesaid, and in the room thereof, make, erect, build and set up one new tenement or dwelling-house, to be feet wide or in breadth, and feet long, and cross bays or spaces at the end of feet wide or in breadth, and feet

feet long, with a cellar of the length and breadth of the said cross bays or spaces; and also make rooms on each floor of stories, each feet deep, and find and provide at his own proper costs and charges, all manner of *stone* of which the walls are to be made and built, bricks, tiles, lath, nails, iron, lead, sand, and lime, and all other materials whatsoever, which shall be fit and necessary to be used in or about the said building, and making of such rooms, and other conveniencies, according to a catalogue or schedule hereunto annexed and signed by the said C. D. and E. F. And shall carry away all the rubbish whatsoever, which shall arise by reason of the said building, and shall and will in all things well and workman-like, frame, erect, set up, and finish the said building, on or before the day of next ensuing the date hereof. In consideration of which said building so to be done and finished in manner and form aforesaid, the said E. F. for himself, his executors, and administrators, doth covenant and grant to and with the said C. D. his executors, administrators, and assigns, by these presents, in manner and form following; that is to say, That he the said E. F. his executors, administrators, and assigns, or some of them, shall and will well and truly pay, or cause to be paid unto the said C. D. his executors, administrators, or assigns, the full sum of pounds, of lawful money of Great-Britain, in

manner and form following; that is to say, The sum of pounds, part thereof within *ten* days after the old dwelling-house shall be taken down, and pounds more part thereof, within days after the roof of the said building is framed, set up, and *tiled*, and pounds more, residue of the said sum of pounds in full payment, within days after the whole building is fully compleated and finished, according to the catalogue, schedule, and plan, hereunto annexed, and all the rubbish carried away from off the premises. In witness, &c.

A catalogue or schedule of all and singular the buildings, rooms, and other conveniencies agreed for, and to be done and performed by C. D. in the articles to which this is affixed, and of which it is deemed to be a part or parcel of, and allowed and deemed to be valid, by and between the said C. D. and E. F. as follows.

Here name every article. First, the case or outside of the building, and then every other particular in order.

N. B. *If the building is considerably large, it will be necessary to affix a plan.*

A bargain and sale of timber-trees.

THIS indenture made the day of in the year of our Lord one thousand, &c. between A. B. of in the county of of the one part, and G. F. of in the county of of

of of the other part, witneffeth, That
the faid A. B. for and in confideration of
pounds to him in hand paid, *or fecured to be paid*
before the fealing and delivery of thefe presents,
have bargained and fold unto the faid T. F.
trees of to be taken and chosen by
the faid T. F. his executors, or affigns, within,
amongft, and out of the woods and trees ftand-
ing and growing within the of
in the county of or in or upon the banks
or bounds of the faid (all fuch trees as are now
already marked with A always excepted out
of this present bargain and fale.) And the faid
A. B. for himfelf, his heirs, executors, and af-
figns, doth covenant to and with the faid T. F.
that it fhall and may be lawful to and for the
faid T. F. his executors, and affigns, at the fea-
fonable time for felling and cutting down
at his and their free liberty, wills, and pleasures,
before the feaft of to fell, cut down,
take, and carry away the trees and timber before
by thefe presents bargained and fold, and every
of them ; fo that the faid T. F. his executors,
and affigns, at his and their, or any of their pro-
per cofts and charges, do from time to time, make
up and repair all fuch breaches and hurts, as he
or they fhall commit or do, or caufe to be com-
mitted or done, in any of the hedges, pales, or
ditches, of or belonging to the faid or
any the ground thereunto belonging or adjoin-
ing, for or by reason of the felling, cutting down,
P p 3 carting,

carting, or carrying away of the said trees and timber, or any of it, or them, and so that all the said trees and timber, and all and every of it, and them before bargained and sold, be carried and rid off from and out of the said and bounds thereof, before the said feast of

And the said A. B. all the said trees and timber before bargained and sold to the said T. F. in manner and form as aforesaid, against all men at all times, shall warrant and for ever defend. And it is further agreed and declared, by and between the said parties, that all such, and so many of the trees, or so much of the said timber before-mentioned, bargained and sold, as shall remain, and not be carried off and out of the and bounds thereof, before the said time or term of shall from thenceforth remain, and be to the only use of the said A. B. his executors, and assigns, any thing before-mentioned to the contrary in any wise notwithstanding. In witness, &c.

N. B. When the money agreed for is not paid on sight, and it may be thought necessary to have a person bound as a further security, there is no necessity for a bond; but make the other party a principal in the article, which will save trouble and charges, and a promissory note given only.

A bargain and sale of underwood.

THIS Indenture made the day of
in the year of our Lord one thousand
between A. B. of and C. D. of
witneffeth, that the faid A. B. for and in confi-
deration of the fum of pounds of lawful
money of Great-Britain, to him in hand paid be-
fore the fealing and delivery of thefe presents, the
receipt thereof he the faid A. B. doth hereby ac-
knowledge, and himfelf contented, fully paid and
fatisfied, and doth clearly acquit and difcharge
the faid C. D. his executors, adminiftrators, and
affigns, and every of them by thefe presents, hath
bargained and fold, and by thefe presents doth
bargain and fell unto the faid C. D. all and fin-
gular woods and underwoods, growing and being
within the called and the hedge of
the fame, containing by eftimation acres,
be the fame more or lefs, lying and being within
the manor, parifh, and precincts of in the
county of and alfo all the lops and fhreds
of all fuch trees, being within the faid
called as have been ufually lopped at the
felling, and felling of the underwood growing
within the faid except and always re-
ferved out of this prefent fale, unto the faid A. B.
his heirs and affigns, all manner of timber and
trees whatfoever, other than underwood, now
growing or being in or upon the fame

or any part or parcel thereof, to have and to hold the said underwoods, lops, and shreds before by these presents bargained and sold, (except before excepted) unto the said C. D. his executors, and assigns, to his and their only proper use and behoof. And the said A. B. doth covenant to and with the said C. D. that he the said C. D. his executors and assigns, at his and their own liberty, free-will and pleasure, shall or may peaceably and quietly have, hold, take, and enjoy the said underwoods, and enter into the said and every part and parcel thereof, there to fell, hew, and cut down, all and singular the said woods and underwoods, and hedge-rows, at all seasonable times in the year, *from the day of the date hereof*, until the day of and the same so hewed, felled, and cut down, with his and their, or any of their horses, carts, and carriages, to bear, lead, carry, and convey from thence to any other place or places (or the same, or any part or parcel thereof, to chard, burn, or convert into charcoal, in (*name the place allotted*)) at his and their liberty and pleasure, at all time and times, during the space of years, by all convenient ways thereunto now used and accustomed, without any lawful let, hindrance, or contradiction of him the said A. B. his heirs, executors, administrators, or assigns, or any of them, for and during the space of years as aforesaid, or by their act, means, or procurement. And the said C. D. doth covenant to and with

with the said A. B. his heirs, executors, and assigns, that he the said C. D. his executors, administrators, and assigns, shall and will at every felling which he or they shall make of the said woods, underwoods, and trees, leave standing and growing in and upon the said premises, so many competent and sufficient samplers, standards, staddles, and stories, as by the laws and statutes in that case provided, is or ought to be left; and also shall and will at his and their own proper costs and charges, make good all hedges and fences about the young springs of the said wood, for the safe keeping thereof from hurt and spoil of beasts and cattle, according to the custom of the place. In witness, &c.

A bargain and sale of woods.

THIS Indenture made the day of
in the year of our Lord one thousand
between J. M. of in the county of
of the one part, and F. M. of in the
county of of the other part, witnesseth,
That the said J. M. for the considerations here-
after in these presents expressed, hath bargained
and sold, and by these presents doth bargain and
sell unto the said F. M. all those woods, under-
woods, and trees whatsoever, standing, growing,
lying, or being in and upon all that wood and
wood-ground, called and known by the name of
in the county of parcel of the
manor

manor of in the same county (except and always reserved) out of this present bargain and sale, unto the said J. M. his heirs and assigns, *fifty* oak trees, to be taken and marked with an X, by the said J. M. or his assigns, in such manner as hereafter in these presents is expressed; that is to say, It is agreed and covenanted by and between the said parties to these presents, and either of them, severally for himself, his executors, and administrators, that the said F. M. shall or may first choose *ten* oaks, and after such choice made, the said J. M. or his assigns, to choose other *ten*, or *ten* other, so either of them, one after another ten oaks, until the said J. M. or his assigns, have made choice of the said number of *fifty* trees before excepted; in consideration of which said bargain and sale, the said F. M. doth covenant for himself, his executors, administrators, and assigns, to and with the said J. M. his heirs, executors, and assigns, that he the said F. M. his executors, administrators, and assigns, or some or one of them, shall well and truly pay, or cause to be paid, unto the said J. M. his executors, or assigns, the sum of pounds of lawful money of Great-Britain, on the day of and further, the said J. M. doth covenant for himself, his heirs, executors, and assigns, to and with the said F. M. his executors, administrators, and assigns, that it shall and may be lawful to and for the said F. M. his executors, administrators, and assigns, at all seasonable times of the year, after
choice

choice made by the said J. M. or his assigns, to the said *fifty* trees, to him excepted as aforesaid, during the space of next ensuing the date hereof, to fell, cut down, and carry away the said woods, underwoods, and trees, before by these presents bargained and sold, and every of them (except before excepted) and likewise the said F. M. doth covenant to and with the said J. M. that he the said F. M. his executors, or assigns, shall and will, every felling of which he or they shall make of the said woods, underwoods, or trees, leave standing and growing samplers, staddles and stories, upon every rood of land or ground so felled, hewn down, and cut up, and such to be left at due and proper distances from each other. For and in consideration of recompence of which samplers, staddles, and stories so to be left, the said J. M. for himself, his executors, and assigns, doth covenant, promise, grant, and agree to pay, or cause to be paid, upon reasonable request, unto the said F. M. his executors, or assigns, so much money as by two persons, whereof one to be chosen by J. M. and the other by the said F. M. as shall be thought reasonable, and by them limited and appointed. And furthermore, the said J. M. for himself, his heirs, and assigns, doth covenant, grant, and agree to and with the said F. M. his executors, and assigns, in manner and form following; that is to say, It shall and may be lawful to and for the said F. M. his executors, and assigns, at every falling, felling, hewing, or cutting,

cutting down any part or parcel of the said woods, underwoods, and trees, upon some one or more of the most bare place or places of the said woodland or ground, at his or their will and pleasure, to erect and set up one or more banks, stacks, or staddles of wood and chard, and coal the same. In witness, &c.

It may be necessary to have a bond of performance.

A surrender of a lease by endorsement, viz. It may be wrote on the backside of the lease surrendered.

TO all people to whom these presents shall come, O. O. sendeth greeting. Know ye, that I the said O. O. for divers good causes and valuable considerations, *I the said O. O.* hereunto moving, hath granted, bargained, sold, surrendered, and released, and by these presents doth grant, bargain, sell, surrender, and release unto the within named J. J. the leasor of the within mentioned premises, and to his heirs, executors, and assigns, all his lease estate, right, title, time and term of years to come and unexpired, use, possession, rent, reversion, property, claim, and demand whatsoever, of, in, and to all that *messuage, tenement, and lands*, as in the within indenture of lease, reference thereunto being had, it doth and will more largely appear, to have and to hold the said *messuage, tenement, and land*, as in the said within indenture of lease, and all his estate, right, title,

title, interest, term of years yet to come and unexpired, use, possession, reversion, property, claim, and demand of, in, and to the same, unto the said J. J. his heirs, executors, administrators, and assigns, from henceforth, from and during, and unto the full end and expiration of the time and term of years yet to come and unexpired, granted unto the said O. O. by him the said J. J. by this the within indenture of lease, bearing date as reference thereunto being had will appear, in as large and ample manner to all intents and purposes whatsoever, as I the said O. O. should or might have held and enjoyed the same, if this present surrender or release had never been had, made, or endorsed. In witness, &c.

N. B. Such surrender by endorsement will do very well when the lease is surrendered into the lessor or landlord's hands.

An assignment of a lease.

THIS Indenture made the day of in the year of the reign of our sovereign by the grace of God, of Great-Britain, France, and Ireland defender of the faith, and so forth, and in the year of our Lord one thousand between H. S. of the parish of in the county of of the one part, and R. L. of the parish of in the county of of the other part. Whereas J. H. of the parish of in the county of by his indenture of lease,

lease, bearing date the day of
in the year of the reign of our sovereign
by the grace of God of Great-Britain,
France, and Ireland, defender of the faith,
and so forth, and in the year of our Lord one
thousand for the consideration therein
expressed, did demise, grant, set, and to farm,
let unto the said H. S. all that, &c. called and
known by the name of, &c. situate, lying, and
being in, &c. and then in the tenure and occu-
pation of together with all and singular,
&c. whatsoever, to the said, &c. belonging, or
in any ways appertaining to the same, thereby
granted, or any of them then made or belonging.
To have and to hold the said, &c. and all and
singular other the before-mentioned premises,
with their and every of their appurtenances, unto
the said H. S. his executors, administrators, and
assigns, from the feast day of, &c. *last past, be-*
fore the date of the same indenture, unto the full
end and term of years, from thenceforth
next ensuing, and fully to be compleat and end-
ed, yielding and paying therefore yearly, during
the said term of years, the yearly rent or
sum of pounds, at the *two* most usual feasts
or terms in the year for payment; that is to say,
At or on the feast day of the feast day of
or within days next ensuing *either*
of the said feasts, by even and equal portions, as
in and by the said indenture of lease, among di-
vers covenants, grants, articles, clauses, and agree-
ments

ments therein contained, whereunto relation being had more fully and at large appears. Now this Indenture witnesseth, That the said H. S. for and in consideration of the sum of pounds of lawful money of Great-Britain, to him in hand, at and before the enfealing and delivery of these presents, by the said R. L. well and truly paid, whereof and wherewith he acknowledgeth himself fully satisfied and paid, and thereof, and of every part and parcel thereof, doth clearly acquit and discharge the said R. L. his executors, administrators, and assigns, for ever by these presents, hath granted, bargained, sold, assigned, and set over, and by these presents doth grant, bargain, sell, assign, and set over unto the said R. L. all the estate, right, title, interest, term of years yet to come and unexpired, property, claim, and demand whatsoever, which he the said H. S. now hath, or may, might or ought to have or claim of, in, or to the before-mentioned premises, and every, or any part or parcel thereof, with the appurtenances, by force and virtue of the said indenture of lease, or any thing therein contained, or otherwise howsoever, together with the said indenture of lease, to have and to hold, as well the said premises before-mentioned, to be demised in and by the said indenture of lease; as also all the estate, right, title, interest, use, possession, claim, and demand whatsoever, of him the said H. S. of, in, and to the premises unto him the said R. L. his executors, administrators, and assigns, from
the

the day of the date hereof, for and during all the rest, residue and number of years yet to come and unexpired, of the said term of years, as in, and by the said indenture of lease granted in such like, and in as large and ample manner and form, to all intents and purposes, as the said H. S. now hath and enjoyeth, or may, might or ought to have and enjoy the premises, by force, virtue, and means of the said indenture of lease, or any thing therein contained, or otherwise howsoever, together with the said indenture of lease as aforesaid. And the said H. S. for himself, his executors, and administrators, doth covenant, promise, and grant, to and with the said R. L. his executors, administrators, and assigns, by these presents, that he the said R. L. his executors, administrators, and assigns, shall and may lawfully, peaceably, and quietly have, hold, occupy, possess, and enjoy the before-mentioned premises, and every part and parcel thereof, with the appurtenances, for and during the residue and number of years yet to come and unexpired of the said term years, in and by the said indenture of lease granted, without any let, suit, trouble, denial, or interruption of him the said H. S. his executors, administrators, or assigns, and that freely and clearly acquitted and discharged, or otherwise well and sufficiently saved and kept harmless of, and from all other gifts, grants, bargains, sales, leases, rents, arrearages of rents, forfeitures, re-entries, cause and causes of re-entries,

tries, troubles, and incumbrances whatsoever, had, made, committed, or done by the said H. S. his executors, administrators, or assigns, or any of them, (the rents and covenants in and by the said recited indenture of lease reserved, which on the tenant's or lessee's part and behalf of the same premises from henceforth, are, or ought to be paid, performed, and done, only excepted and fore-prized) of which said rents and covenants, the said R. L. for himself, his executors, administrators, and assigns, doth covenant, promise, and grant to and with the said H. S. his executors, administrators, and assigns, by these presents, clearly to acquit and discharge, or otherwise from time to time, and at all times hereafter from henceforth, well and sufficiently save and keep harmless and indemnified, the said H. S. his executors, administrators, and assigns, and every of them by these presents. In witness, &c.

A short surrender of a lease by indorsement.

MEMORANDUM. That I the within named J. R. for divers good causes and valuable considerations, me hereunto moving, have granted, assigned, and set over, and do hereby grant, assign, and set over unto the within named S. H. his heirs, executors, and assigns, as well this present indenture, as all the *messuage, tenement, lands*, and hereditaments within mentioned, or to be demised, or which by virtue thereof, are let and demised; as also all my estate, right, title and inte-

rest, of and into the same, either by force, virtue or means of this present Indenture, or otherwise howsoever. In witness, &c.

A licence to let lands, although prohibited by lease.

WHEREAS my tenant W. H. holdeth of me H. K. one messuage, tenement, and lands, called and known by the name of farm, with the appurtenances, situate and lying within my manor, precincts, and parish of in the county of for certain years yet to come, by indenture of lease, dated the one thousand, &c. wherein he hath expressly covenanted with me, not to set, let, or otherwise dispose of any part or parcel of the said messuage, tenement, lands, and appurtenances, to him the said W. H. his executors, and administrators, granted by virtue of the said indenture of lease, without my special licence and consent in writing in that behalf, first to be had and obtained, as by the said indenture amongst divers other good covenants appeareth. Now know all men, that these presents witness, that I the said H. K. have licenced and allowed, and do hereby licence and allow him the said W. H. to let, set, and demise, a certain close or field, called and known by the name of to one P. S. his executors, and administrators, for next ensuing the date hereof. Provided that he the said W. H. shall at his peril, see and pay the rent in the said recited indenture, and other covenants and payments therein

therein mentioned, to be paid on the part and behalf of the said W. H. his executors and administrators, be duly kept and performed. In witness, &c.

A protection in time of parliament, which may be given by a member of either house.

FORASMUCH as I have special occasions to employ the bearer hereof, A. B. my servant, in and about my service and occasions, during this present session of parliament: these are therefore to will and require you to forbear to arrest, attach, or imprison him the said A. B. but to permit and suffer him peaceably and quietly to go about his business, at his will and pleasure, during all this present session of parliament as aforesaid, without any your suit, arrest, or disturbance, as you will answer the contrary at your peril.

Given under my hand and seal, &c.

A revocation of a protection.

WHEREAS I, &c. granted a protection under my hand and seal, unto my servant A. B. bearing date on or about the day of which was in the year of our Lord one thousand, &c. to endure the time of this present session of parliament: Now these presents witness, That I having no occasion for any further assistance or assistances, service or services, of him the said A. B. and for other and divers good causes and

considerations me hereunto moving, do hereby revoke, disannul, and make void the said protection, to all intents and purposes whatsoever, so as he the said A. B. shall not from henceforth have or receive any benefit, privilege, or advantage thereby; but be therefore and therefrom utterly debarred and excluded for ever by these presents. In witness, &c.

A revocation of a letter of attorney.

Know all men by these presents, that whereas I A. B. of C. in the county of N. upon the trust and confidence which I had in D. E. of F. in the county by letter and power of attorney, under my hand and seal, bearing date, &c. did make, ordain, constitute, and appoint the said D. E. my lawful attorney for me, and in my name, and to my use, to ask, demand, &c. (Here recite the particulars as in the letter) from S. R. of, &c. as thereby more at large may and doth appear. Now know all men, that I the said A. B. for divers good causes and considerations me hereunto especially moving, have, and by these presents do revoke, disannul, and make void the said letter of attorney, and all power and authority therein to him the said D. E. given thereby. In witness, &c.

N. B. Those who give a letter of attorney should keep a counterpart by them, that they may the better know and remember the particulars,
what

what power and authority they gave their attorney. Neither will they be at a loss for proper words to revoke it upon occasion.

A deputation for a game-keeper.

KNOW all men by these presents, that I A. B. of in the county of lord of the manor of in the county have by virtue of several acts of parliament for this purpose made and provided, deputed and appointed, and by these presents do depute and appoint C. D. of in the said county yeoman, to be game-keeper of the aforesaid manor of to hawk, hunt, fish, fowl, and course within the said manor of and the boundaries, precincts, and liberties thereof, and to kill, and take the game there; and also to take and seize to my use, all guns, gins, hays, lowbells, snares, fishing-nets, tunnels, angles, leaps, and all other nets, instruments, and engines whatsoever, for the destruction of the game within the said manor. And also all hounds, grey-hounds, spaniels, setting-dogs, pointers, lurchers, tarriers, and ferrets, of any person or persons whatsoever, who are not qualified by law, that shall hawk, hunt, fish, fowl, course, or destroy, or endeavour or attempt to destroy the game within the said manor. To hold and exercise the said office of game-keeper within the said manor of during my pleasure only, and no longer. In witness whereof I

have hereunto set my hand and seal this
day of in the year of our Lord, &c.

Signed, sealed, &c.

*A certificate for a person that moves from the parish
to which he belongs, to settle in another.*

Shire } IN pursuance of a late act of par-
To wit. } liament, intituled, an act for supply-
ing some defects in the laws for the relief of the
poor of this kingdom.

WE the church-wardens and overseers of the
parish of A. in the county of B. do hereby certi-
fy the church-wardens and overseers of the poor
of the parish of C. in the said county, (*or in the
county of D.*) that we do own and acknowledge
E. F. and G. his wife, and H. and I. their sons,
and K. and L. their daughters, to be inhabitants,
legally settled in our said parish of A. and do
hereby oblige ourselves the said church-wardens
and overseers of the poor of the said parish of A.
aforesaid, and our successors for the time being, to
provide for the said E. F. and G. his wife, and
H. and I their sons, and K. and L. their daugh-
ters, and all other their child and children, when
they shall have any born, and to receive him, her,
and them into our said parish of A. whenso-
ever he, she, they, or any of them shall be-
come chargeable to the parish of C. aforesaid, or
be forced to ask relief of the same, in case he the
said E. F. and G. his wife, and H. and I. their
sons,

sons, and K. and L. their daughters, and other their child and children, when they shall have any born, shall not in the mean time obtain and acquire to him, her, or themselves, a legal and lawful settlement in the parish of C. or elsewhere. In witness whereof we have hereunto set our hands and seals the day of in the year of our Lord, &c.

Signed and sealed	M. N. (L. S.	} church-wardens.
in the presence of us	O. P. (L. S.	
U. V.	Q. R. (L. S.	} overseers of the poor.
W. X.	S. T. (L. S.	

On the back side.

shire. } WE, two of his Majesty's justices of
To wit. } the peace of and for the said county,
do allow of the within written certificate, and do hereby certify, that U. V. one of the witnesses to the signing and sealing thereof, hath made oath before us, that he did see the church-wardens and overseers of the poor of the parish of C. severally sign and seal the same.

Y. Y.

Z. Z.

The grant of a keepership of a park, &c.

To all to whom these presents shall come, I A. B. send greeting, *Know* ye that I the said A. B. for and in consideration of the good opinion, honesty, and fidelity I conceive and have, and of the

trust I repose in C. D. and of the good and faithful services by him the said C. D. hereafter to be performed and done, and for divers other good causes me hereunto especially moving, have given and granted, and by these presents do give and grant unto the said C. D. the office of keeper of my *park* at E. called F. *park*, in the county of G. and also his habitation and dwelling in the lodge belonging to the same *park*, with the pasturing of horses and cows yearly within the same *park*. And also know ye, that I the said A. B. have given and granted, and by these presents do give and grant unto the said C. D. allowance of meat and drink for himself, within my house at E. aforesaid, daily and yearly, at all times, and for and during the time any hospitality or household shall be kept there. To have and to hold, occupy, exercise, and enjoy the said office of keeper, and other the premises unto him the said C. D. for and during (*my will and pleasure only*) together with all, and all manner of fees, rewards, vails, and advantages to the same office belonging, incident, or any ways appertaining to the same. And furthermore know ye, that I the said A. B. have given and granted, and by these presents do give and grant unto him the said C. D. for the exercising of the said office of keeper, so long as he shall exercise the same, one annuity or annual rent of pounds of lawful money of Great-Britain, as wages, together with all the browse, lop, tops, and brush-wood,
that

that shall be cut from time to time for the deer to feed on. To have, hold, perceive, receive, and enjoy the said annuity, yearly rent, or wages, together with all the browse, lop, tops, and brushwood, and all other the grants and perquisites before-mentioned, to him the said C. D. during *my will and pleasure as aforesaid*. In witness, &c.

An Indenture for the putting out an orphan, or any poor child apprentice, viz. such as are put out by the parish.

THIS Indenture made the day of in the year of the reign of our sovereign, &c. by the grace of God of Great-Britain, France, and Ireland, defender of the faith, and so forth, and in the year of our Lord one thousand, &c. witnesseth, That A. B. and C. D. church-wardens of the parish of in the county of and E. F. and G. H. overseers of the poor of the same parish, by and with the consent of J. K. and L. M. esquires, two of Majesty's justices of the peace for the same county, have placed, and by these presents do place and bind N. O. being a poor * fatherless child, as an apprentice with P. Q. of the parish of R. in the county, &c. (*here name the trade*) and as an apprentice with him the said P. Q. to serve and dwell from, &c. until the full

* Or it may be son or daughter (of such an one) unable by reason of his great age, and great charge to bring up and maintain his (or her) said son or daughter, as the case is.

end and term of seven * years. By, for, and during all which time and term, the said N. O. shall and will faithfully serve the said P. Q. his said master, in all his lawful business, according to his power, wit, and ability, and honestly and obediently in all things, shall and will behave himself towards the said P. Q. his wife, children, and family. And the said P. Q. for and in consideration of the sum of pounds of lawful money to him in hand paid, at and before the sealing and delivery of these presents, the receipt whereof he doth hereby acknowledge, and himself fully satisfied, contented, and paid, promisseth, covenanteth, and agreeth, and by these presents doth promise, covenant, and agree, that he the said P. Q. the said N. O. in the art, skill, and mystery of a † shall teach and instruct, or cause to be taught and instructed the best way and manner that he can, according to the best of his knowledge, skill, and ability; and also shall and will find and allow unto his said apprentice, sufficient meat, drink, washing, lodging, linen, woollen, shoes, stockings, and all other things meet, necessary, and fit for such an apprentice, for and during all the said term. In witness whereof the said parties to these presents have to the same

* If a girl, she may be bound to twenty-one, or day of marriage; but a boy to twenty-four years of age, which if any one impartially considers, is too long, and has often produced ill effects.

† Or in the art and skill of husbandry, or housewifery, as the case is.

interchangeably set their hands and seals the day and year first above-written.

N. B. The church-wardens, overseers, and apprentice, are to seal and deliver one part to the master, and the master to seal and deliver the other part to them. It is proper to get the justices to signify their consent, by endorsement on the backside of the indentures. If otherwise, that clause may be omitted.

In those parishes where there is an annual sum of money left by the will of some person deceased, to put out poor children apprentices, and an estate charged with the payment, in this case, the clause in the will is to be consulted, whether the trust be left in the possessor of such estate, or in the minister, or in the minister, church-wardens, and overseers of the poor, or in the church-wardens and overseers only, or whether in a society or corporation, or in a certain number of neighbouring gentlemen. In any, or either of which cases, the justices have nothing to do in it : and the trust and apprentice must be made a principal in the indentures, and sealed as aforesaid.

A grant of an Annuity out of land for term of life.

THIS Indenture made the day of
in the year of the reign of our sovereign,
&c. by the grace of God of Great-Britain, France,
and

and Ireland, king, defender of the faith, and forth, and in the year of our Lord one thousand seven hundred and between A. B. of C. in the county of D. of the one part, and E. F. a late servant to, &c. of the other part witnesseth,

That the said A. B. in consideration of years honest, just, and faithful services in *our* family executed, done, and performed by him the said E. F. who as well by his indefatigable pains and industry, as advance in years, is now rendered incapable of duty, and as a bounty and reward to his just merits, and for his better support and maintenance, and for divers other causes me hereunto moving, have given, granted, and by these presents do give and grant to the said E. F. one annuity or yearly rent of pounds of lawful money of Great-Britain, to be yearly issuing and payable out of my manor and estate of and in G. in the county of to have, receive, perceive, take, and levy the said annuity or yearly rent of pounds to the said E. F. and his assigns, from henceforth for and during the term of the natural life of the said E. F. the same annuity or yearly rent, to be yearly paid to him the said E. F. on the four most usual feast days in the year for payment; that is to say, On the feast of the annunciation of the virgin Mary, the feast of St. John the Baptist, the feast of St. Michael the arch-angel, and the feast of St. Thomas the apostle, or within days next after every of the same feast days, by even and
equal

equal portions, in manner and form following; that is to say, The first payment thereof to begin at the feast of next ensuing the date hereof or within days of the same as aforesaid. And if it shall so happen, that the said annual or yearly rent of pounds, or any part or parcel thereof shall be behind and unpaid to the said E. F. or his assigns, according to the true intent and meaning of these presents, at any time or times appointed hereby for the payment thereof, that then the said A. B. his heirs and assigns for every such default of payment thereof, or of any part or parcel thereof, shall forfeit and lose to the said E. F. his executors and assigns, ten pounds, for, and in the name of a penalty ; and that then and at all times, so often as any such default shall happen, from thenceforth it may and shall be lawful to and for the said E. F. his executors and assigns, into the said manor of G. with the appurtenances, and all and singular the premises, and into all and every part thereof, to enter and distrain, as well for the annuity and yearly rent issuing, which should and ought to have been paid, and all arrearages thereof; as also for every pain, penalty and penalties aforesaid, so to be forfeited as abovesaid, and all arrearages thereof, and all distress and distresses in the premises, or any part thereof to be found, lawfully to take, and quietly to drive, lead, bear and carry away, and them to with-hold and keep until the said yearly rent and pain, penalty and penalties aforesaid,
and

and all arrearages thereof, together with all their costs and damages in that behalf sustained, they shall be fully satisfied, contented, and paid. And the said A. B. for himself, his heirs, and assigns, doth covenant, promise, give, and grant unto him the said E. F. his executors, and assigns, in manner and form following ; that is to say, That the said manor of G. with the appurtenances thereunto belonging, shall be and continue chargeable and liable to all and every the distress and distresses of the said E. F. and his assigns, according to the true intent and meaning of these presents, there to be had and taken at any time, for and in default of payment of the said annuity, or yearly rent, and pain, penalty and penalties aforesaid, so to be forfeited, or any part or parcel thereof, as is above specified. And the said A. B. doth also hereby promise, agree to, and grant, that always during the natural life of him the said E. F. the said manor estate, and all other the premises thereunto belonging, shall be contented of the clear yearly value of pounds of good and lawful money of Great-Britain, over and above all reprises. And that he the said A. B. is now the very true, perfect, and lawful, and right owner of the said manor of G. with estate and appurtenances thereunto belonging, and of every part and parcel thereof, a good, lawful, and sure estate of inheritance in fee simple or fee tail, generally to his own proper use and behoof. In witness, &c.

N. B.

N. B. With some little alterations, a certain farm, close, field, or piece of ground, may be charged and engaged for the same purpose.

The form of an award.

TO all to whom this present writing of award indented shall come, A. B. of C. in the county of D. sendeth greeting. Whereas divers questions, quarrels, controversies, and suits, have been had, moved and depending by and between E. F. of G. &c. of the one party, and H. I. of &c. of the other party, as well for and concerning *the interest and profits of*, &c. as also for other causes and actions, for the appeasing, closing, and ending whereof, either and both the said parties have unanimonſly elected and choſen me the ſaid A. B. to be arbitrator indifferently between them, and to and for that end have bound themſelves either to other by obligation, in the ſum of pounds, to ſtand and abide by the award, arbitrement, and judgment of me the ſaid A. B. touching and concerning the premiſes. Now know ye, That I the ſaid A. B. taking upon me the truſt and charge of the ſaid award, and minding and determining a final agreement ſhall be had, cloſed, and ended from henceforth, by and between the ſaid parties, touching the premiſes above-mentioned, do make, ordain, and declare this my award and final determination, in manner and form following; firſt I award, &c. Given under
my

my hand and seal the day of in
the year of our Lord, &c.

N. B. It is necessary to indent an award.

A bargain and sale of household furniture, &c.

BE it known unto all men by these presents,
That I A. B. of C. in the county of D. for and
in consideration of the sum of pounds of
lawful money of Great-Britain, to me in hand
paid at and before the enfealing and delivery of
these presents, by E. F. of, &c. whereof I acknow-
ledge myself fully satisfied, contented, and paid,
and thereof and of every part and parcel there-
of, do clearly acquit, exonerate, and discharge the
said E. F. his executors, administrators, and as-
signs, by these presents have granted, bargained,
and sold, and by these presents do fully, clearly
and absolutely grant, bargain, and sell, and de-
liver unto the said E. F. all such goods, fur-
niture, and household stuff, and implements of
household, and all other things mentioned and con-
tained in an inventory or schedule hereunto an-
nexed, (and signed with and by the hands of him
the said A. B. and E. F.) and now remaining
and being in one messuage house or tenement,
and in the yard, garden, and backside thereunto
belonging, situate, lying, and being in, &c. and
now in the tenure and occupation of, &c. or his
assigns, to have and to hold, all and singular the
said goods, furniture, and household stuff, and
imple-

implements of household furniture, and every of them before by these presents bargained and sold, or mentioned to be bargained and sold unto the said E. F. his executors, administrators, and assigns, for ever, to do and dispose of them, and every of them, at his and their free will and pleasure. And the said A. B. for himself, his executors, and administrators, doth covenant, promise, and grant to and with the said E. F. his executors, administrators, and assigns, by these presents, that he the said A. B. his executors, and administrators, and every or either of them, all and singular the said goods, furniture, and household stuff, and implements of household furniture, before bargained and sold, and every of them, unto the said E. F. his executors, administrators, and assigns, against all and every other person and persons whatsoever, shall warrant and for ever defend by these presents. In witness whereof, I the said A. B. have hereunto set my hand and seal the day of in the year of the reign of our sovereign, &c. and in the year of our Lord, &c.

A bargain and sale of leases, and goods, chattels, &c. from a father to his son, on condition to pay debts and legacies.

BE it known unto all men by these presents, That I A. B. of C. in the county of D. husbandman, have given, granted, bargained, sold, and by this my present deed, do give, grant, bargain,

and sell unto R. B. my son, *all* my leases, or lands held by lease for years, and all my goods and chattels, both real and personal, moveable, and unmoveable, quick and dead, of what sort, kind or quality soever they be of, and in whose hands, custody, or possession soever they be, to have and to hold, to the said R. B. and his assigns, for ever, upon condition following, (that is to say) what the said R. B. his executors, administrators, or assigns, shall find, procure, or cause to be found and procured, good and sufficient meat, drink, clothes, wearing apparel, linen and woollen, meet, fit, and according to and becoming my degree; and also by the week for pocket-money, and extraordinary expences, for and during my natural life, if I shall abide, live, or dwell with him; but this shall be, and is hereby left to my own choice and option. And if it shall so happen, that I leave or depart from him, in this case, and upon such my removal, he the said my son R. B. is to, shall and will allow, and pay, or cause to be paid unto me yearly, and every year during my absence and stay from him, the sum of pounds of lawful money of Great-Britain, by four even and equal portions, at the four most usual feasts, or days in the year for payment; that is to say, the feast of the annunciation of the blessed Virgin, the feast of St. John the Baptist, the feast of St. Michael the arch-angel, and the feast of St. Thomas the apostle. The first payment to begin and to be made on the first of those feasts that

that shall first happen next after my departure, and so in proportion for any number of days less than a quarter of a year; and in default of such payment for and by the space of days over and after either or any of the feast days appointed for the payment thereof, that then, and in this case, this bargain, sale, and grant, shall be utterly void to all intents and purposes, and of none effect, any thing to the contrary in any wise notwithstanding. And it is hereby further agreed, by and between the said parties, that he the said R. B. his executors, administrators, and assigns, shall and will pay all, and all manner of my rents and arrearages now due; as also all other my just debts by me heretofore contracted, and by me now owing, of what kind or denomination soever, or whatsoever; and shall also pay and perform, or cause to be paid and performed, all my gifts and legacies whatsoever, and what I the said A. B. shall ordain and appoint by my last will and testament, so that the same amount to no more, or does not exceed the sum of pounds. In witness, &c.

A warrant from a steward to a headborough of a manor, for the holding a court.

WHEREAS I have received orders from
to hold a court for manor of
 within, &c. These are therefore to let
you understand, that I have appointed the
day of next, being for the holding
R r 2 of

of the said court, at or in, &c. and do therefore hereby request and require you to give notice of the said time and place hereby appointed, for the assembling and holding of the said court, unto all and every the suitors and tenants of the said manor, and that you warn them, and every of them, to be then and there present by clock in the forenoon, to give their attendance. And that also at the time and place aforesaid, you return before me a jury of the suitors and tenants of the said manor, to enquire of such matters as shall be by me given to them in charge. And hereof fail not at your peril. Given under my hand and seal, &c.

N. B. To give directions and copies for the passing copy-hold lands, &c. by court-roll, surrender, &c. would be a thing almost impossible, there being almost as many different customs and tenures, as different manors; so that an attorney at law, &c. unacquainted with the custom of a manor, is as much at a loss to understand the conveying and passing lands, &c. in such places, as any other indifferent person. The headborough, and other rational copy-hold tenants are the best lawyers, except the steward, who has been their pupil, and served a clerkship to them.

A release for waste done and committed.

TO all to whom these presents shall or may come, I A. B. of C. &c. send greeting. Whereas E. F. of G. &c. being possessed of a lease for divers years yet to come and expire, of and in one parcel of ground, commonly called and known by the name of situate and lying in containing acres, being part and parcel of the possession of A. B. afore-said ; and whereas the said E. F. for the better and more advantage to himself, and for the increase of his own yearly profit to be made of the same ground, and for the better and more profitable manuring of the said ground, hath for that purpose cut down, grubbed, and stocked up divers trees, &c. in and upon the said parcel of ground, and hath converted the same ground into tillage, whereby a far greater annual profit is, and yearly advantage will be made thereof, than if the same should continue ground, which in time to come, will turn to the more and better benefit and advantage of the said A. B. and his heirs and assigns, after the end or sooner determination of the said lease made to the said E. F. yet notwithstanding he the said E. F. is subject and liable to be questioned and troubled by action, to be commenced against him, both for the waste he hath committed, by cutting down trees, &c. and for not pre-
R r 3
serving

serving of the said woods, according to the covenants comprized in his said lease. Now know ye, that the said A. B. &c. for and in consideration of pounds of good and lawful money of Great-Britain, to him in hand paid, and for other divers good causes and considerations, him hereunto especially moving, hath for himself, his heirs, executors, and assigns, remised, released, and quit-claimed, and by these presents doth clearly and absolutely remise, release, and quit-claim unto the said E. F. his executors, and administrators, all and all manner of actions of waste, and all and all manner of suits for any waste or spoils done or committed by him the said E. F. in the said and ground called afore-
 said, until the day of the date of these presents; and all and all manner of actions of covenants, and other actions, suits, or demands, concerning covenants, provisoes, or agreements, for not cutting down, grubbing, or stocking up the same woods, underwoods, heretofore cut, grubbed, and stocked up. In witness, &c.

An Indenture of apprenticeship.

THIS Indenture, &c. witnesseth, That A. B. son of C. B. of the parish of D. in the county of E. of his own free and voluntary will, hath put himself apprentice to F. G. &c. and as an apprentice with him the said F. G. to serve and dwell from the feast of, &c. until the full end of
years

years from thence next ensuing, and fully to be compleat and ended; by and during all which time and term, the said F. G. shall and will faithfully serve the said A. B. &c. (*as in the Indenture-before-going.*)

N. B. Always make a parent or guardian a principal, and let both sign and seal the indenture to the master, (but the apprentice first) and the master the other indenture to them. All agreements must be mentioned in words at length.

A discharge of an apprentice from his service.

TO all men to whom these presents shall come, I A. B. of the parish of C. in the county of D. send greeting. Whereas E. F. by his indenture bearing date the one thousand, &c. did put himself apprentice to me for the term of years, commencing the, &c. as by the said indenture it may and doth appear. Now know ye, that I the said A. B. for divers good and valuable considerations me thereunto moving, do by these presents clearly and absolutely discharge, and set free the said E. F. of and from my service, so as neither I nor any for me, shall or may at any time hereafter ask, claim, or demand any service of and from the said E. F. by virtue of the said indenture, or otherwise. And also I do hereby remise and release unto the said E. F. all actions, cause and causes of action, service,

vice, services, and demands whatsoever, which I now have, or hereafter may have against him, for or by reason of any act or acts whatsoever, from the beginning of time, until the day of the date of these presents. In witness whereof I have hereunto set my hand and seal this day of
in the year of our Lord, &c.

An assignment of an apprentice, and his years to come.

TO all men to whom these presents shall come, I A. B. of, &c. *grocer*, send greeting. Whereas my apprentice C. D. having certain years of his said apprenticeship yet to come and unexpired, that is to say, two whole years and a half, from the day of last past, as by the said indenture thereof unto me the said A. B. made and sealed at large, it may, doth, and will appear. Now know ye, that I the said A. B. for divers good causes and considerations, me hereunto especially moving, and the rather for that it stands with the good liking, pleasure, and consent of my said apprentice, have given, granted, assigned, and set over, and by these presents do fully and absolutely give, grant, assign, and set over unto E. F. of in the, &c. all such right, title, duty, term of years to come, claim, interest, apprenticeship, service, services, and demand whatsoever, which I the said A. B. have, of, or to the said C. D. my said apprentice, or which I might, or ought to have, of and in him, by force and
virtue

virtue of the above-recited indenture of apprenticeship, that is to say, true and faithful service of him the said C. D. for and during the time and space of two whole years and a half, from the day of last past, as aforesaid, giving, and by these presents granting unto the said E. F. my full power and lawful authority for the having, keeping, and enjoying of my said apprentice C. D. as before-mentioned, for and during the time yet to come and unexpired. And moreover, I the said A. B. do by these presents covenant, promise, and grant to and with the said E. F. his executors, and assigns, that the said C. D. apprentice, shall and will, during his time, well and truly serve the said E. F. as his master, and his lawful commands gladly and honestly, always, and every where shall do, and from the service of him shall not absent himself by day or night, during the term of his aforesaid apprenticeship yet to come and unexpired. But always provided, that the said E. F. his master, shall well treat and use the said C. D. as becometh an apprentice in such case and circumstance to be used, - finding unto, and providing him good and sufficient meat, drink, &c. (*and all other necessities*) for, and during the term above-mentioned and aforesaid.

In witness, &c.

By the form before prescribed, it will be easy to draw up a testimonial to suit and agree with any other circumstance or thing whatsoever, as when there are several sufferers, you are to make use of the plural instead of the singular number, with some other variations as the case requires.

A letter of licence, and a composition included in it.

TO all christian people to whom these presents shall come, We A. B. C. D. &c. all creditors of A. Z. of Y. in the county, &c. *chandler*, send greeting. Whereas the said A. Z. is now justly indebted to us his creditors above-mentioned, in several sums of money, which he is unable to pay and satisfy, by reason of divers losses and misfortunes. And whereas the said A. Z. is willing to pay and satisfy us his creditors, the sum of *shillings* in the pound, and so proportionably for a greater or lesser sum, which we are willing to take and accept, in regard we are satisfied he is not able to make us any further satisfaction. And whereas the said A. Z. is not at present able to pay us the said *shillings* in the pound without some respite of time, neither will he be without our licence and respite to be given him in that behalf. Now know ye, that we the said A. B. C. D. &c. taking into our serious consideration the present estate and condition of him the said A. Z. and considering the longer we defer our compliance with his present condition, the greater will be our loss, and the
more

more we shall lose, and he will be less able to pay and satisfy us; have, and every of us hath given and granted, and by these presents do, and every of us doth give and grant unto the said A. Z. our sure and safe conduct and licence, that he the said A. Z. at all and every time and times hereafter, from henceforth until the day of now next ensuing, shall and may safely, peaceably, and quietly come, return, go, and negotiate his affairs and business, without any let, suit, attachment, or arrest, trouble, molestation, or disturbance, of or by us, or any of us, to be had, made, commenced, or prosecuted, or procured against the said A. Z. his goods, chattels, or *merchandises, lands, or hereditaments* whatsoever, for or by reason of any sum or sums of money, debt or debts due and owing by him to us, or any of us. And we and every of us, whose names are above-written, do hereby for ourselves severally, and for our several executors, and administrators respectively, covenant, and agree to and with the said A. Z. his executors, and administrators, that we and every of us, whose names are above-written as aforesaid, shall and will take and accept of, and from the said A. Z. the sum of *shillings* in the pound, and so in proportion for a greater or lesser quantity or sum than one pound, as a composition, and in full satisfaction and payment of every sum and sums of money, debt and debts, due and owing to us, or any of us, by him the said A. Z. provided the same composition

position-money be paid to us, and every of us, on or before the said day of now next ensuing; provided also, and it is the true intent and meaning of these presents, and of the parties hereunto, that if the said composition-money be not paid on or before the said day of now next ensuing, then these presents shall cease, and be utterly void to all intents and purposes whatsoever. And further, that we and every of us, whose names are above-written, upon payment of *shillings* in the pound, for every pound now due to us, or any of us, by him the said A. Z. and so proportionably, or in proportion for every lesser sum than one pound, shall and will severally at the request and charges of him the said A. Z. duly execute legal discharges and releases of all debts and demands whatsoever, due to us, or any of us, from him the said A. Z. And we whose names are above-written, do hereby, and every of us doth severally, and for our several executors, and administrators, covenant and agree to and with the said A. Z. his executors, and administrators, that if contrary to this our grant and licence, at any time or times before the said day of now next ensuing and coming, it shall happen the said A. Z. his executors, or administrators, goods or chattels, *lands, or hereditaments*, to be wittingly or willingly sued, vexed, troubled, prosecuted, or arrested by us, or any of us, or by the consent or procurement of us, or any of us, for or concerning

ing

ing any debt or debts, sum or sums of money, or any part or parts thereof, due or owing to us, or any of us, by any ways or means whatsoever. That then, and at all time and times after these presents shall be unto and for the said A. Z. his executors, and administrators, against us, and every of us, our, and every of our executors, administrators, and assigns, by whom, and through whom, and for whose debt, and by whose means it shall happen, the said A. Z. his executors, or administrators goods, or chattels, *lands, or hereditaments*, so to be sued, vexed, troubled, prosecuted, or arrested, an absolute acquittance and general release for ever, and for and upon all accounts, suits, debts, reckonings, and demands whatsoever, that any such of us, by whom, for whose debt, or by whose means it shall or may happen, the said A. Z. his executors, or administrators goods, or chattels, *lands, or hereditaments*, so to be sued, vexed, or troubled, prosecuted, or arrested, shall or may have claim, challenge, or demand, of or against the said A. Z. his executors, or administrators, or any of them. Provided nevertheless, that in case all and every the creditors of the said A. Z. who are parties to these presents, and who are above-named, shall not have signed, sealed, and executed these presents, on or before the day of now next coming and ensuing, that then this present writing, and every thing herein contained shall cease, and be utterly void to all intents and purposes whatsoever,

soever, any thing herein contained to the contrary thereof, in any wise notwithstanding. In witness whereof we have hereunto set our hands and seals this day of in the year of our Lord, &c.

A letter of licence, and a composition for payment at several times.

TO all christian people to whom these presents shall come, We A. B. C. D. &c. all creditors of E. F. of G. in the county of H. *dealer and chapman*, send greeting. Whereas the said E. F. at this present time doth stand indebted, and justly oweth unto us the said creditors, divers and sundry sums of money, which by reason of many debts and losses, *and some of them very great, that are likewise owing to him, and cannot be had and recovered without some respite of time, and some of them not without suit*, he is very much disabled to make present payment unto us his said creditors, of our whole and just debt and debts, as he seemeth willing and desirous. In consideration whereof, he instantly desireth and requireth, that we the said A. B. C. D. &c. his creditors, and every of us, will be pleased to give and grant unto him the said E. F. such liberty and respite of time for the payment and satisfaction of our several debts, as he thinketh reasonable, for the obtaining, getting, and recovering of his said debts; that is to say, That we and every of us, would and will be

con.

contented to take and accept our said whole debts in three equal parts, to be divided and to be paid at *three* several payments, in manner and form following ; that is to say, the first payment thereof, to be one equal *third* part of the said whole debt, and to be made on the day of next ensuing the date hereof, the other two third parts thereof residue and remaining, to be divided into four equal parts, and to be paid at four, six months then next following ; that is to say, on the day of on the day of &c. one equal part thereof at each payment as aforesaid, and one other fourth part thereof, residue and remainder, on the day of in full payment and satisfaction of the said several debts ; and for the more sure performance of the said several payments aforesaid, in such manner and form as is above limited and declared, according to the intent and true meaning of these presents, he the said E. F. shall and will, at or before the day of become bound unto us, and every of us the said creditors respectively, by one obligation in due form of law to be made, with condition including all and every the said payments, in such sort, and at such times as is above limited, appointed, at some convenient place, by every of us the said creditors to be nominated and appointed, and the penalty of every obligation to be double the whole sum included in the condition of the same, to be delivered to us, and every of us, our executors, admi-

administrators, or assigns, at or before the day of next ensuing the date hereof. Know ye therefore, that we the said creditors above-named, and whose names are here-under subscribed, and every of us, for his own part, and for his own executors, administrators, and assigns, for the consideration above specified, mentioned, and expressed, do by these presents willingly consent, covenant, promise and agree, to and with the said E. F. his executors, and administrators, by these presents, that we the said creditors, and every of us, our, and every of our executors, administrators, or assigns respectively, shall and will accept and take of the said E. F. his executors and administrators, all and every the said several debts and sums of money, by the said E. F. unto us, and every of us, owing and payable upon such obligation and obligations, assurance and assurances, as aforesaid, to be paid in such manner and sort, and at such days and times as is above specified, limited, and required. And further, that we the said creditors, and every of us, our, and every of our executors, administrators, and assigns respectively, upon the delivery of the said obligation unto us, and every of us, our, and every of our executors, administrators, or assigns, shall and will, at the cost and charge of the said E. F. his executors, seal, subscribe, and in due form of law, deliver unto the said E. F. *one sufficient general acquittance*, to be rendered by him the said E. F. his executors, and administrators,

and to bear date and limitation before the date of the said new obligation to be made for the same debt ; and also for and upon every payment made according to the limitations and appointments aforesaid, and the intent and true meaning of these presents, at the like charge of him the said E. F. his executors, or administrators, shall and will seal and deliver unto the said E. F. one sufficient acquittance, to be rendered to him the said E. F. his executors, or administrators, testifying every such payment as aforesaid, for the better discharge of him the said E. F. his executors, and administrators, and every of them in that behalf. Provided always, and upon condition nevertheless, that these presents, nor any promise, agreement, matter, or thing herein contained, nor any act, or thing acted by us, or any of us, or formerly done, acknowledged, or suffered, touching the premises, or to be done, acknowledged, or suffered, shall be of any force or effect to bind or charge us, or any of us the said creditors, who have or shall hereunto agree, seal, and subscribe, unless all, and until all and every the rest, and every of us the same creditors above mentioned; do and shall likewise before the day of now next coming and ensuing, subscribe, seal, and deliver these presents in due form of law, according to the intent and true meaning hereof, any thing herein contained to the contrary thereof, in any wise notwithstanding. In witness, &c.

A letter of licence to a debtor.

TO all people to whom this present writing shall come. We whose names are hereunder subscribed, and seals affixed, creditors of A. B. of &c. send greeting. Whereas the said A. B. on the day of the date of these presents, is indebted unto us severally, in divers considerable sums of money, which at present he is not able to satisfy unto us, without respite and time to be given unto him for the payment thereof. Know ye therefore, That we the said creditors, for divers good causes and considerations, us thereunto moving, have given and granted, and by these presents do give and grant unto the said A. B. our sure and safe conduct and free licence, that he the said A. B. shall and may safely come and go, and resort unto all and every one of us his said creditors, to compound, and take order with all and every one of us, for all and every one of our said debt and debts, and to go about any other his said business, to any other person or persons whatsoever, without any our trouble, suit, arrest, attachment, or other molestation whatsoever, to be offered or done unto him the said A. B. his ware, goods, monies, or other merchandizes whatsoever, by all or any of us, or by the heirs, executors, administrators, partners, or assigns, or by our, all our, or any of our means or procurement whatsoever, to be sought, or procured to be done, from the day of

the date hereof, to the full end and term of *one whole year next ensuing*. And we, the and his said creditors, whose names are here under-written and subscribed, do hereby covenant and grant, for all and every one of us, for his own part, our, and his executors, and administrators, to and with the said A. B. that if any trouble, wrong, damage, or injury shall be done unto him the said A. B. either in his body, goods, or chattels, or any, or either of them, within the said space or term of one whole year next ensuing and coming, after the date of this present writing, by us, all, any, or either of us his said creditors, or by any other person or persons, by, through, or with the procurement, consent, or knowledge of us all, any, or either of us, contrary to the true intent and meaning of this our present writing and licence of safe conduct; that then the said A. B. by force and virtue of these presents, shall be clearly discharged and acquitted for ever, towards and against him and them, of us, his, and their, and every of their heirs, executors, administrators, partners, or assigns, and every one of them, by whom, and by whose means and procurement he shall be arrested, troubled, attached, or damnified of all, and all manner of actions, suits, quarrels, debts, and demands, either in law or equity, from the beginning of the world, to the day of the date hereof. In witness whereof we have hereunto set our hands and seals the day of in the year of our Lord one thousand, &c.

A Composition.

TO all christian people to whom these presents shall come. We A. B. C. D. &c. send greeting. Whereas E. F. of standeth indebted unto us severally, in divers sums of money, which he is willing to pay and satisfy as far as he is able, we, the and his said creditors, who have hereunto sealed and subscribed, finding the said E. F. is by losses, misfortunes, and otherwise, disabled to pay and satisfy us our full debts, do severally, separately, respectively, and unanimously agree, and bind us, and ourselves, our, and every of our executors, and administrators, to him the said E. F. firmly by these presents, to accept, receive, and take of and from him the said E. F. his executors, administrators, or assigns, after the rate of *shillings* in the pound, and so in proportion and proportionable for all, and every sum and sums less than one pound, in full satisfaction and payment of all such debt and debts, sum and sums of money, as he oweth and standeth indebted to us, all, and every of us respectively, the same to be paid at one entire and whole payment, at and upon the day of next ensuing the date hereof, *so as the said E. F. for the more sure and certain payment thereof, and of the several sum and sums aforesaid, in full recompence and satisfaction of our, and every of our several and respective debt and debts, after the rate*

of shillings in the pound as aforesaid, do on, at, or before the day of next ensuing, become bound with sufficient surety or sureties unto us, and approved of by us, and every of us respectively, by obligations, with double penalties in and according to due form of law, to be made, sealed and delivered unto us, and every, and either of us who have hereunto sealed and subscribed. Provided always, that neither these presents, nor any thing herein contained, shall bind us, or either of us, until all and every of the creditors before-mentioned shall have sealed and subscribed the same, on, at, or before the day of next ensuing the date hereof as aforesaid. In witness whereof we have hereunto set and affixed our hands and seals, &c.

A deed of gift of goods.

TO all christian people to whom these presents shall come, I A. B. of C. in the county of D. send greeting. Know ye, that I the said A. B. for divers good causes and valuable considerations me hereunto especially moving, have given and granted, and by these presents do give and grant, and confirm unto E. F. of G. in the county all and singular my goods and chattels, and household-stuff, and all other my estate personal, and substance whatsoever, in whose hands, custody, possession, or keeping soever the same are in, or can, or may be found; to have and
to

to hold, all and singular the said goods, chattels, and household-stuff whatsoever, of me the said A. B. unto the said E. F. his executors, administrators, and assigns, from henceforth to his and their own proper use and uses thereof, and therewith to do, order, and dispose at his and their wills, pleasure, and discretion, as of their own proper goods, chattels, and estate personal, free, peaceably, and quietly, without any manner of let, trouble, suit, vexation, or denial of me the said A. B. or any other person or persons whatsoever; of all which premises I the said A. B. have put the said E. F. in full and peaceable possession by virtue hereof; as also by the gift and delivery of six-pence, in the name of the whole, and all the rest of the premises. In witness whereof, I the said A. B. have hereunto set my hand and seal the day of in the year of our Lord one thousand, &c.

Sealed and delivered (being first legally stamped) and possession given, by the delivery of six-pence, in the name of the rest of the premises, according to the true meaning of these presents. In the presence of

A. B. (L.S.)

Another deed of gift.

TO all people to whom this present writing shall come, I A. B. of $\mathcal{E}c$. send greeting. Know ye, that I the said A. B. for and in consideration of the sum of, $\mathcal{E}c$. which I the said A. B. do owe and am indebted unto C. D. of, $\mathcal{E}c$. have given, granted, and sold, and by these presents do fully, clearly, and absolutely, give, grant, bargain, and sell, and confirm unto the said C. D. all and singular such my goods, chattels, and implements of household furniture, and commodities whatsoever, as are contained and specified in a certain schedule, signed with my own hand, and hereunto annexed. To have and to hold, all and singular the goods, chattels, implements of household furniture, and commodities whatsoever as aforesaid, to him the said C. D. his executors, administrators, and assigns, to his and their own proper use and behoofs for ever, thereof, and therewith to do, use, and dispose, at his and their will and pleasure, as of his and their own proper goods and chattels, without any manner of challenge, claim, or demand of me the said A. B. or of any other person or persons for me in my name, by my cause, means, consent, or procurement. And further know ye, that I the said A. B. have put the said C. D. in full possession of all and singular the aforesaid premises, by the delivery

delivery unto him (at the enfealing hereof) of one *silver spoon*, in the name of all the said goods. In witness whereof, &c.

Another deed of gift.

TO all people to whom this present writing shall come, I A. B. of C. in the county of D. send greeting. Know ye, that I the said A. B. as well for and in consideration of the natural affection and *brotherly* love which I have and bear unto my well-beloved *brother* E. B. of &c. as also for divers other good causes and considerations me at this present especially moving, have given and granted, and by these presents do give, grant, and confirm, unto the said E. B. all and singular my goods, chattels, *leases*, *debts*, *ready money*, *plate*, *jewels*, *rings*, household-stuff, utensils, brass, pewter, beds, bedding, and all other my substance whatsoever, movable, and immovable, quick and dead, of what kind, nature, quality, and condition soever the same are, or be, or in what place or places soever the same be, shall or may be found, as well in my own custody or possession, or in the possession, hands, power, and custody of any other person or persons whatsoever, to have and to hold all and singular the said goods, chattels, *leases*, *debts*, and all other the aforesaid premises, unto the said E. B. his executors, administrators, and assigns, to his, and their own proper use and behoofs for ever, freely, and quietly,

ly, without any matter or manner of challenge, claim, or demand of me the said E. B. or of any other person or persons whatsoever, for me, in my name, by my cause, means, or procurement, or without any money, or other thing therefore to be yielded, paid, or done unto me the said A. B. my executors, administrators, or assigns. And I the said A. B. all and singular the aforefaid goods, chattels and premises, to the said E. B. his executors, administrators, and assigns, to the use aforefaid, against all people do warrant, and for ever defend by these presents. And further know ye, that I the said A. B. have put the said E. B. in peaceable and quiet possession of all and singular the aforefaid premises, by the delivery unto him of six-pence at the enfealing hereof, fixed on the seal of these presents. In witness, &c.

Some useful notes.

If a deed of gift be made of money owing to the donor, let there be a letter of attorney comprehended in it.

If the deed be made of chattels in consideration of a debt, let there be a covenant in the same deed, that the donor shall permit the donee to come upon the premises where the goods be, quietly and peaceably to receive, take, and carry away the same to his own use, and as his own property.

If

If there be an inventory or schedule of parcels annexed to the deed, let there be a covenant in the deed, that the same goods and chattels shall not be wasted, and that they are free from any former gifts or incumbrances at the enfealing, by a silver penny or six-pence, &c. fixed in the seal. Assurance for debt of goods and chattels, is best done by bargain and sale, indented, with an inventory.

N. B. *It is necessary in a bill of sale to mention the delivery of something to the purchaser in the name of the whole, and that possession was given by it.*

A discharge of a tenant.

To Mr. C. D, &c.

I A. B. steward to the right hon^{ble} the earl of H. by virtue of the power and authority to me by him given, do hereby give you notice to quit the possession of all that messuage or tenement, farm, lands, and premises, lying and being in the parish of B. in the county of W. which you hold of the said earl, at and under the yearly rent of fifty pounds, at Lady-day next ensuing the date hereof. If you refuse to quit the premises, or hold over the same after the time aforesaid, you are hereby informed, that you shall pay rent for the same, at and after the rate of one hundred pounds *per ann.* Dated the day of, &c.

Your humble servant, A. B.

Steward to the right hon. earl of H.

N. B.

N. B. If a tenant holds after he is lawfully discharged, he is subjected to a double rent, &c.

I shall here give some plain, necessary instructions and directions for making a seizure or distress for rent.

The goods, stock, chattels, &c. which are intended to be seized, or on which distress is to be made, are to be marked, and an inventory taken of the same, in the presence of the under-sheriff, or the high or chief constable, but most commonly before the constable of the parish where such distress is made.

The form of an inventory of distress.

An inventory of *all and singular* the goods and chattels of A. B. of C. in the county of D. that were and are seized and distrained by E. F. on the day of one thousand, &c. for rent, and arrears of rent due to at last past, being the sum of &c.

horses

cows

sheep, &c.

household furniture.

In the kitchen, &c.

Under write thus :

A. B.

Take notice that I have seized on the goods, chattels, &c. mentioned in the above inventory, for the sum of due to me for rent, and arrears of rent, at last past. And unless you pay the said rent and arrears, and charges of distress,

distress, or replevy the said goods and chattels in five days from the date hereof, they will be appraised and sold according to law.

Dated the

day of one thousand, &c.

I am, &c.

E. F.

N. B. If the person so distrained does not appear, this may be set upon the door of his dwelling-house; otherwise to be delivered to him.

It is common not to set the inventory on the door of the house; but only the latter part of the above, with a little alteration.

As,

A. B.

Take notice that I have seized on your goods, chattels, &c. (and inventoried the same) for the sum of, &c. *as before*.

An appraiser's oath.

YOU do swear that you will faithfully, justly, and honestly appraise and value the goods and chattels now taken in distress, and mentioned in the inventory to you shewn, as between buyer and seller, according to the best of your knowledge, skill, ability, and understanding. You shall not through partiality, interest, or otherwise, over or under estimate the said goods and chattels, but impartially do your duties herein.

So HELP YOU GOD.

If

If the effects are to be sold, there must be such mention made in the oath.

This oath may be administered by the undersheriff, the high or chief constable, or the constable of the parish.

A distress made as above, may be executed by the constable and steward, and to those made otherwise, I have nothing to do with, nor the steward neither, more than to prevent the distressed from being eat up by the distressors, those *locusts* the sheriff's bailiffs.

I beg leave to be excused the giving any forms of wills, they being the nicest part of conveyancing, whatever some people may think to the contrary. I have known a very *thunder-bolt* of the law miscarry in this branch, and in a thing too plain and evident to be mentioned: and I may venture to say, there is more money spent to clear and explain the meaning, and mend and alter the meaning of wills, than perhaps in any other cause whatsoever, where property is concerned. And to give the form of two or three will be of no service, unless I was acquainted with the wills, humours, and intentions of a fourth or fifth part of the people in the kingdom, and then to give so many different copies, would be too laborious a task for me to write, and perhaps too insipid and melancholy for others to read. And besides, I do not choose to be an instrument of sowing strife and discord between friends and brethren.

What

What I have inserted concerning conveying and ensuring property, is little more than falls in with the office and duty of a steward ; or at least is no ways inconsistent with it. For it may happen, that his being able as well as willing to serve his Lord's tenants, where any of the before-mentioned forms are required, may be of infinite service to some in particular cases ; in others, prevent disputes and quarrels, and cause peace and good neighbourhood to flourish among them. And it is with this view only I inserted them. Besides, what a steward gets by drawing leases, &c. that concern the estate he acts for, must be allowed a fair and honest perquisite.

The form of an inventory of a person deceased.

A true and perfect inventory of all and singular the goods, chattels, and credits of A. B. of the parish of C. in the county of D. deceased, that came to the hands, possession and knowledge * of E. F. executor (or executors) of the last will and testament of the said A. B. as they were taken and appraised by G. H. and I. K. viz.

Purse and wearing apparel.

In the kitchen, &c.

Lastly insert,

Credits hopeful.

Credits doubtful.

N. B. *The appraisers are to sign their names at the bottom of it.*

* Or may be said,

Since such a time. As the case requires.

Omitted.

Omitted.

A bill of exchange, or a draught upon a person, from one who has a letter of attorney.

Sir,

At pay to J. M. of or order, twenty pounds, value received of him, which said sum being money paid by my for the use of when paid being in full, for the recovery of and receiving of which, and executing all other things relating to the effects of who in his absence has constituted and appointed me sole, true, only, and lawful attorney.

I am, Sir, yours, &c.

To Mr. E. F. of, &c.

The form of a nomination to an augmented chapelry or curacy.

TO the reverend father in God
lord bishop of A. B. of C. in the
county of D. and in your diocese of
send greeting.

WHEREAS the curacy of the chapel of
in the parish of C. aforesaid, is augmented,
(or shortly intended to be augmented) by the gover-
nors of the bounty of queen Anne, for the aug-
mentation of the maintenance of the poor clergy;
by reason whereof it is requisite, that a curate
should be duly nominated and licenced to serve
the said cure, pursuant to an act of parliament in
that

that case made and provided. Now I the said
do hereby nominate clerk (*the person employed by me in serving the said cure*) to be curate of the said chapel of and I do humbly pray your lordship to grant him your licence to serve the said cure, and to perform all divine offices therein accordingly. In witness, &c.

The form of donation or nomination to a church or chapel, that is donative and exempt from episcopal jurisdiction.

TO all christian people to whom these presents shall come, A. B. of C. in the county of D. lord of the manor of in the county afore said, greeting: Whereas the church (*or chapel*) of in the county of is now void by the *natural death* of the last incumbent there, and doth of right belong to my gift or donation. Know ye, that I the said A. B. have not only given and granted the said church (*or chapel*) of with all its rights and appurtenances, unto my beloved in Christ, S. T. *master of arts*, of whose probity and learning I am well satisfied, but also by virtue of these presents, do induct him the said S. T. into the corporal possession of the said church (*or chapel*) with its rights and appurtenances as afore said. In witness whereof, I have hereunto set my hand and seal *of arms*, this day of in the year, &c.

N. B. *That the clerk in this case is to subscribe and take the oaths before his patron.*

A presentation to a rectory or vicarage.

TO the reverend father in God, A. by divine permission, (*or Providence to an archbishop*) bishop of to his vicar-general in spirituals, or to any other person or persons, having or to have sufficient authority in this behalf; B. C. of, &c. the true and undoubted patron of the rectory of D. in the county of E. in your diocese of F. greeting.

I present to your and to the rectory and parish-church of D. aforesaid, now void by the natural death (*or otherwise*) of G. H. clerk, the last incumbent there, and to my presentation in full right belonging, my beloved in Christ clerk, *master of arts*, * *humbly* praying, that your *lordship* would be graciously pleased to admit and canonically to institute him the said to the *rectory* and parish-church of D. aforesaid, to invest him with all and singular the rights, members, and appurtenances thereunto belonging, to cause him to be inducted into the real, actual, and corporal possession thereof, and to do all other things which to your pastoral office may in this case appertain or belong. In witness, &c.

N. B. *Where the benefice is valued at ten pounds or above in the king's books, the presentation must have a double forty shillings stamp; if under ten pounds, three six-penny stamps, with the additional twelve-penny stamp are sufficient.*

* If a minor presents,

By the advice, and with the approbation of my guardian (*or guardians*) lawfully appointed.

The

The grant of a presentation to a vicarage on the next avoidance.

TO all christian people to whom these presents shall come, A. B. of, &c. true and undoubted patron of the *vicarage* of the parish-church of in the county of and diocese of sendeth greeting. Know ye, that the said A. B. for divers and good causes and considerations him hereunto especially moving, hath given, granted, assigned, and confirmed, and by these presents doth give, grant, assign, and confirm unto of &c.

his executors, administrators, and assigns, the first and next avoidance, donation, collation, nomination, presentation, and free disposition of the said vicarage of in the county of and diocese of aforesaid, whensoever, howsoever, and by what means soever the same *vicarage* shall first and next happen to become void, by the death, resignation, deprivation, cession, premutation, dismissal, or by any other way or means whatsoever, (other than by promotion of the present incumbent to a bishopric, as is hereafter mentioned and expressed) willing, and by this present writing granting, that it shall and may be lawful to and for the said his executors, administrators, and assigns, to present a fit person to the same, and to do all and every other thing and things, which to the office or

duty of a patron or patrons of the same vicarage of do, or doth belong or appertain, in as full and ample manner as he the said A. B. might or could have done therein, if these presents had not been made. And farther, know ye, that the said A. B. for himself, his heirs, executors, and administrators, doth covenant, promise, and grant, to and with the said his executors, administrators, and assigns, by these presents, that he the said A. B. now is true and rightful patron of the said *vicarage*, and now hath rightful power, and lawful authority to give, grant, and assign, the said first and next avoidance of the said *vicarage*, according to the true intent and meaning of these presents. And farther, that he the said his executors, administrators, and assigns, shall and may from time to time, and at all times hereafter, lawfully, quietly, and peaceably, hold and enjoy the next avoidance of the premises, and effectually present to the same his clerk, who shall and may be thereupon duly instituted and inducted, without the let, suit, trouble, or interruption of him the said A. B. his heirs, executors, administrators, or assigns, or any person or persons lawfully claiming by, from, or under him. And farther know ye, that if it shall happen, that the said church of shall next become void, by the promotion of the now present incumbent thereof to be a bishop, whereby the king's majesty, his heirs, or successors, shall be entitled to present to the same: that

that then, and in such case, the said his executors, administrators, and assigns, shall have the next presentation to the said church of when it shall become void, after the presentation of the king's majesty, his heirs, or successors. Provided always, that as soon as the next presentation or nomination shall have taken effect, according to the true intent and meaning of these presents, that the free disposition and right of patronage, shall remain and revert to the said A. B. and his heirs, as if this present grant or writing had never been made. In witness, &c.

A qualification for a nobleman's chaplain.

TO all and singular to whom these presents shall come, I A. B. earl of N. send greeting. Know ye, that I the said A. earl of N. for, and on account of the great probity of life, integrity of morals, and proficiency in sacred learning of J. A. clerk, master of arts, have nominated, appointed, taken, and admitted, and by these presents do nominate, appoint, take, and admit him the said J. A. into the number of my domestic chaplains, to serve me in the performance of divine offices within my house or chapel; by virtue whereof, it shall and may be lawful, to and for him the said J. A. my said chaplain, freely to have, enjoy, and maintain, all and singular the privileges, benefits, liberties, pre-eminences, and immunities whatsoever, given and granted to the chap-

chaplains of the barons and peers of this renowned kingdom of Great-Britain, by the statutes and laws thereof, to all intents and purposes of law that may follow thereupon: and this I have thought fit to testify to all and every of you, as I do by these presents. Given under my hand and seal at arms this day of &c.

S. by divine P^r bishop of L. to all and singular to whom these presents shall come, greeting. Know ye, that we the said S. bishop of L. for and in consideration of the learning, good life, and sincere religion of our beloved in Christ, J. A. clerk, master of arts, having admitted, constituted, and appointed, and by these presents, do admit, constitute, and appoint him the said J. A. one of our domestic chaplains, that he may by virtue hereof, have and enjoy all the privileges, benefits, immunities, and advantages, which may, or do of right belong to the chaplains of the bishops, and peers of this realm, according to the form of the statute in that case made and provided. In testimony whereof we have put our seal, which we use in this case, to these presents, and have subscribed the same this day of in the year of our Lord one thousand seven hundred, &c. and in the year of our consecration (*or translation*) as the case is.

P O S T-

P O S T S C R I P T.

IN the Addenda, I forgot to insert a small catalogue of books, which every one that is employed in the office of a Steward should consult and make himself familiar with, or at least with most of them : therefore rather than so material a thing should be omitted, I have inserted it here.

Law of landlord and tenant.

Shaw's justice of peace.

Bourn's justice of peace.

Shaw's parish laws.

The universal parish officer.

Cowel's or Jacob's law dictionary.

The law of tythes, and a tything table, by William Bohun, Esq;

✓ Sir Isaac Newton's tables for renewing and purchasing of the leases of cathedral churches and colleges, &c. With the bishop of London's additions.

Dr. Wells's course of mathematics, mechanics, &c.

✓ Wilson's surveying, with Hume's appendix.

✓ Leybourn's surveying improved.

✓ Laurence's surveying.

✓ Love's surveying.

A system of arithmetic, by Dr. Desaguliers.

✓ Wingate's arithmetic, last edition

Fisher's

Fisher's arithmetic.

Ward's introduction to the mathematics.

Hawney's compleat measurer.

The book-keeper's guide, by Cosby.

All Halfpenny's works of architecture, draughts, and found building, &c.

The London and country builder's Vade Mecum, or the universal estimator.

The builder's guide, and gentleman and trader's assistant, or a universal magazine of tables.

The country builder's estimator, or the architect's companion.

These I recommend as the best Authors on the subjects they severally treat of, and the easiest to be understood.


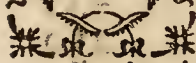
I N D E X



I N D E X

T O T H E

S E C O N D V O L U M E.

 SURVEY of a manor, with every farm separate, with rentals, &c. and stewards ac- counts	Page 3
 The prices of the different materials and works in building, husbandry, &c.	44
A table of timber measure the common way	55
A table shewing how much in length of a piece of tim- ber will make a solid foot the common way	57
A table of timber measure as a cylindar, or true way	87
A table shewing how much in length of a piece of tim- ber will make a solid foot, when measured as a cylin- dar, or the true geometrical way	121
A table reducing unequal-sided timber to a true square	123
A table shewing what number of feet of plank will make a load or tun of timber	139
A table of board measure	141
A table which shews what length will make a foot super- ficial	161
Tables of land measure	164
A table of the gravity of several bodies	169
A table of the daily amount of estates, salaries, &c.	173
Tables of simple interest	175
Tables of compound interest	195
Tables of compound annuities	199
Tables shewing the present value of one or any number of pounds is worth in ready money for any number of years, not exceeding thirty	202
VOL. II.	U u
	A table

I N D E X.

A table of the present value of English coins, from the conquest, by the late Martin Folkes, Esq; enlarged and improved by the author	Page 203
Reasons offered to the steward on drawing obligations, &c.	217
Receipts for money	218
Reasons why receipts for rent are not dated for Lady-day, &c.	222
Reasons offered on the drawing of bills of exchange, &c.	ib.
Bills of exchange, draughts, &c.	225
Forms of letters of advice	ib.
Letters of credit	227
Reasons offered on the drawing of notes of hand, &c.	230
Promissory notes	231
A bill of debt	234
Reasons on drawing of bonds	235
Form of an umpirage	239
A general release	240
A bill of sale	241
Conditions of bonds to serve all occasions	242
Letters of attorney	265
Leases	276
Covenants	328
Reflections on the covenants	341
Articles for building and purchasing	353
A bargain and sale of timber trees	364
Ditto of underwood	367
Ditto of woods in general	369
A surrender of a lease to the landlord by endorsement	372
An assignment of a lease	373
A short surrender by endorsement	377
A licence to let lands, although prohibited by lease	378
A protection in time of parliament	379
A revocation of ditto	ib.
A revocation of a letter of attorney	380
A deputation for a game-keeper	381
A certificate for a person that moves from his parish	382
The grant of a keepership of a park	383
An indenture for a pauper of a parish	385
A grant of an annuity for life	387
	An

I N D E X.

An award	Page 391
A bargain and sale of household furniture, &c.	392
A bargain and sale of leases, goods, &c. to a son to pay debts, legacies, &c.	393
A warrant from a steward to a headborough for holding a court	395
A release for waste done and committed	397
An indenture for an apprentice, and remarks	398
A discharge of an apprentice from his service	399
An assignment of an apprentice, and his years to come	400
A testimonial of a loss by fire	402
A letter of licence, and a composition included in it	403
A letter of licence, and a composition for payment at several times	407
A letter of licence	411
A composition	413
A deed of gift of goods	414
Another deed of gift	416, 417
Discharge of a tenant	419
The manner and form of making a seizure for rent, &c.	420
A bill of exchange, or a draught upon a person from one who has a letter of attorney	424
The form of a nomination to an augmented chapelry or curacy	ib.
The form of donation or nomination to a church or chapel, that is donative and exempt from episcopal jurisdiction	425
A presentation to a rectory or vicarage	426
The grant of a presentation to a vicarage on the next avoidance	427
A qualification for a nobleman's chaplain	429
Ditto for a bishop's chaplain	430

T H E E N D.

700 1875
701 1875
702 1875
703 1875
704 1875
705 1875
706 1875
707 1875
708 1875
709 1875
710 1875
711 1875
712 1875
713 1875
714 1875
715 1875
716 1875
717 1875
718 1875
719 1875
720 1875
721 1875
722 1875
723 1875
724 1875
725 1875
726 1875
727 1875
728 1875
729 1875
730 1875
731 1875
732 1875
733 1875
734 1875
735 1875
736 1875
737 1875
738 1875
739 1875
740 1875
741 1875
742 1875
743 1875
744 1875
745 1875
746 1875
747 1875
748 1875
749 1875
750 1875
751 1875
752 1875
753 1875
754 1875
755 1875
756 1875
757 1875
758 1875
759 1875
760 1875
761 1875
762 1875
763 1875
764 1875
765 1875
766 1875
767 1875
768 1875
769 1875
770 1875
771 1875
772 1875
773 1875
774 1875
775 1875
776 1875
777 1875
778 1875
779 1875
780 1875
781 1875
782 1875
783 1875
784 1875
785 1875
786 1875
787 1875
788 1875
789 1875
790 1875
791 1875
792 1875
793 1875
794 1875
795 1875
796 1875
797 1875
798 1875
799 1875
800 1875

